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Volume 2 of 2

RESULTS OF INVESTIGATIONS OF THE
0.010-SCALE ØV-102 CONFIGURATION SPACE SHUTTLE
VEHICLE ORBITER MODEL 72-Ø IN THE NASA/LANGLEY
RESEARCH CENTER 20-INCH MACH 6 TUNNEL
(OA257)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data ManAGEMENT SERVICES

HUNTSVILLE ELECTRONICS DIVISION  CHRYSLER
CORPORATION

July 1983

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RESEARCH CENTER 20-INCH MACH 6 TUNNEL
(OA257)

by

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Space Transportation & Systems Division.

Prepared under NASA Contract Number NAS9-16283

by

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for

Systems Engineering Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: LaRC 20HT6-6559
NASA Series Number: OA257
Model Number: 72-Ø
Test Dates: 10 Mar. 1981 thru 20 Apr. 1981
Occupancy Hours: 372

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ABSTRACT

The 0.010 Scale SSV Orbiter Configuration ØV-102 Model 72-Ø was tested in the NASA/Langley Research Center 20-Inch Mach 6 facility from 10 March 1981 to 20 April 1981. During the 372 occupancy hours a total of 254 test runs were obtained, following approximately 13 days of special balance checkloadings, model modifications and preparations, tunnel rework, and installation of the model. Other tests in this series include OA258, OA259, LA141, and LA144. (References 6-9).

Six-component vehicle force and moment data, base and sting-cavity pressure data, and special thermocouple data were acquired from the model. All test runs were nominal Mach 6 blowdowns. Reynolds number varied between $2.0 \times 10^6/\text{ft}$ and $8.9 \times 10^6/\text{ft}$. Lateral-directional stability runs were conducted in both continuous and point-pause sweep modes for both pitch and yaw. Angle-of-attack range was -5° to $+40^\circ$; angle-of-sideslip range was -5° to $+5^\circ$. Speedbrake and aileron settings were also variables.

Diagnostic configuration buildup studies and several oilflow runs were conducted. Additionally, numerous tunnel operation, flow angularity, aero-hysteresis, data repeatability, and thermal-effects tests were made at the discretion of the test team.

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INTRODUCTION

The 0.010 scale ØV-102 Configuration SSV Orbiter Model 72-Ø was employed in test OA257 at the NASA/Langley Research Center 20-Inch Mach 6 blowdown facility between 10 March 1981 and 20 April 1981. Of 374 recorded runs, 254 were data-acquiring runs completed in approximately 372 occupancy hours. This test was one of a series of tests primarily intended to investigate Mach 6 to 8 lateral-directional stability and non-linearities. Other tests in this series include OA258, OA259, LA141, and LA144. (References 6-9, respectively). However, the test also evolved toward several other purposes, including: a study of tunnel-to-tunnel repeatability for Mach 6, a GRTLS trajectory verification test at low Reynolds numbers, a continued study of data uncertainties for hypersonic tests in general, and a diagnostic configuration-buildup test.

Model scaling, model wall temperatures, tunnel noise levels, and overall balance accuracies were all specific factors for comparison of data from this test to data from the aforementioned earlier tests.

This report contains the post-test force and moment data, base and sting-cavity pressure data and special temperature data obtained during OA257 with Model 72-Ø.

NOMENCLATURE

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
A	AF	axial force, orbiter main balance
	BIASS1	pound output of gages corrected for bias - side force
	BIASS2	pound output of gages corrected for bias - side force
	BIASRM	pound output of gages corrected for bias-rolling moment
C _A	CA	axial force coefficient, total orbiter including base, with sting-cavity correction
C _{AB}	CAB	orbiter base axial force coefficient
C _{AC}	CAC	adjusted sting-cavity pressure axial force coefficient
C _{AF}	CAF	orbiter forebody axial force coefficient
C _{Au}	CAU	uncorrected orbiter balance axial force coefficient
C _b (BODY)	CBL	orbiter body axis rolling moment coefficient
C _D	CD	orbiter drag coefficient
C _L	CL	orbiter lift coefficient
C _m	CLM	orbiter pitching moment coefficient
C _{m_u}	CMU	uncorrected orbiter pitching moment coefficient
C _N	CN	orbiter normal force coefficient
C _{N_u}	CNU	uncorrected orbiter normal force coefficient
CONF	CONF	configuration, numbers 00 through 32
CP _{BA}	CPBA	average orbiter base pressure coefficient

NOMENCLATURE (Continued)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
$C_{PB_{1-3}}$	CPB1,2,3	individual orbiter base pressure coefficients
C_Y	CY	orbiter side force coefficient
	FF	floor filler segment
	GRTLS	glide return to launch site abort mission
	LAMDAV	sweep angle of vertical tail, degrees
L/D	L/D	orbiter lift to drag ratio
M	MACH	Mach number, v/a
N	NF	orbiter normal force
$P_{B1,2,3}$	PB1,2,3	orbiter base pressure coefficients
P_{TC}	PCEIL	tunnel ceiling static pressure
P_{TF}	PFLLOOR	tunnel floor static pressure
m	PM	orbiter pitching moment
PSC	PSC	sting cavity pressure coefficient
P_t	PT	tunnel stagnation pressure, psfa
P_{t1}	PT1	tunnel total pressure upstream of the normal shock
P_{t2}	PT2	tunnel total pressure downstream of the normal shock

NOMENCLATURE (Continued)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
P	P1	tunnel static pressure, psfa
q	Q,Q(PSF)	freestream dynamic pressure
λ	RM	orbiter rolling moment
RN/L	RN/L,RN	unit Reynolds number, million per foot
	S--DIR	sweep direction; 1 = increasing, 2 = decreasing
	S-MODE	sweep mode; 1 = pitch-pause, 2 = continuous
Y	SF	orbiter side force
T_{BF}	TBF	bodyflap mounting plate inner-surface temperature
T_{SB}	TSB	speedbrake panel L.H. leeside temperature
	TS	freestream static temperature, $^{\circ}$ F
T_t	TT	tunnel stagnation temperature, $^{\circ}$ F
	YP	flag indicating yaw plate in = 0, out = 1
n	YM	orbiter yawing moment
X _{CP}	XCP	longitudinal location of the orbiter center of pressure in percent of body length
	1S	flag indicating 1" spacer in = 1, out = 0
α	ALPHA	orbiter angle of attack
β	BETA	orbiter angle of sideslip
δ_a	AIRLON	aileron deflection $(\delta_{e_L} - \delta_{e_R})/2$
δ_e	ELEVON	elevon deflection $(\delta_{e_L} + \delta_{e_R})/2$
δ_{e_L}	ELEV-L	left elevon deflection angle
δ_{e_R}	ELEV-R	right elevon deflection angle
δ_{BF}	BDFLAP	body flap deflection angle

NOMENCLATURE (Concluded)

<u>SYMBOL</u>	<u>MNEMONIC</u>	<u>DEFINITION</u>
δ_R	RUDDER	rudder deflection angle
δ_{SB}	SPDBRK	speedbrake deflection angle
ϕ	PHI	model roll angle

CONFIGURATIONS INVESTIGATED

The SSV Orbiter Model 72-0 is a 0.010 scale representation of the ØV-102 configuration. A primary requirement for its use in this lateral-directional stability test was that it exhibit a high degree of symmetry. Toward this end, the model was subjected to an extensive series of modifications, recontourings, and Cordax-machine measurements. These resulted in what has since been referred to as "medium fidelity" to the ØV102 configuration defined by the 14414.1 C/C design trajectory OML lines, except in the fuselage/elevon gaps, where 14414.1 C/D lines were used. The model's conformance to these specifications was established by the percentage of "control point" measurements within certain tolerances:

76% within ± 1 inch full-scale

44% within $\pm 1/2$ inch full-scale

Further details of the model dimensional verification can be found in Reference 1.

The Orbiter model was of a blended wing/body design with a double delta planform ($81^{\circ}/45^{\circ}$ leading edge) wing of 12 percent thickness and full-span elevons with gaps between the outboard and inboard panels and between the inboard panels and the fuselage. A single centerline vertical tail with rudder/speedbrake capability was mounted between the Orbiter Maneuvering System (OMS) pods on the aft fuselage, and a bodyflap was fitted to the lower trailing edge of the fuselage. The Main Propulsion System (MPS) nozzles were simulated, but were trimmed to clear the sting support through the base. The OMS nozzles and all Reaction Control System (RCS) thruster ports in the forward fuselage and OMS pods were simulated.

CONFIGURATIONS INVESTIGATED (Continued)

Fuselage Outer Mold Line (OML) penetrations and protuberances which were simulated include:

- Recessed windshields
- Simulated forward and aft RCS nozzles
- Star-tracker door recesses

The upper surface flipper door panels which blend the wing to the elevon at all deflections were not simulated. A smooth fairing between wing and elevon upper surfaces approximated the flipper door panels.

The Orbiter is constructed primarily of 7076-T6 aluminum, with Armco 17-4 CRES used in certain control surface brackets, the right wing attachment bracket, the balance wing attachment and the nose attachment sleeve.

The mid/aft upper fuselage was fabricated from a single block with a longitudinal bore, into which the balance adaptor(s) can be inserted. The OMS pods and vertical tail are in turn attached to this block. The nose/forward fuselage is fabricated as a detachable separate block. Another separate plate-like aft/lower fuselage cover provides the attachment points for the bodyflap, which was fixed at zero degrees deflection.

The vertical tail and OMS pods were independently removable as required for the several configuration buildup diagnostic runs. Offblocks were

CONFIGURATIONS INVESTIGATED (Continued)

also provided for these components when removed.

Control surface deflections were set manually with their respective brackets and blocks. Bodyflap and rudder settings remained at 0° (nominal) throughout the test; elevons/ailerons and speedbrake were varied. Table IV indicates the measured deflection values for all available approved control surface settings for this test.

The model was sting-mounted through its base surface and was supported on the NASA/LaRC 1.25 inch #2029 force and moment balance, as shown in Figure 2b. A 1.25-inch diameter straight sting (facility-owned) was supported by the tunnel's No. 2 struthead, using an extender-adaptor for additional strength.

The following nomenclature, illustrated in Figure 2a was used to designate model components:

<u>Symbol</u>	<u>Description</u>
*B ₇₅	OV-102 fuselage, including forward RCS nozzle recesses
*C ₁₆	Canopy, including recessed windshield panels
*E ₆₄	Elevons, including elevon/elevon and elevon/fuselage gaps
*F ₁₆	Bodyflap
*M ₅₂	OMS pods

CONFIGURATIONS INVESTIGATED (Concluded)

<u>Symbol</u>	<u>Description</u>
N ₁₀₈	Main propulsion system nozzles (inner surfaces cut away for sting clearance)
N ₁₁₀	OMS nozzles
N ₁₁₁	Aft RCS thruster nozzle ports
R ₂₀	Rudder, incorporating left and right speedbrake panels
V ₂₇	Vertical tail
*W ₁₃₁	ØV-102 wing

*See Table III for additional descriptive information.

INSTRUMENTATION

Model instrumentation for test OA257 consisted of the LaRC 6 Component #2029 balance; 3 base pressures and 1 sting-cavity pressure, measured by external transducers through hardline tubing; and 2 model-structure monitoring thermocouples.

In addition to standard scheduled balance calibrations, the #2029 balance was subjected to extensive pre-test checkloadings, both in the laboratory and in the test configuration at the tunnel. The balance calibration body and the model itself (with its loading/leveling block) were used for loading points. Furthermore, numerous rechecks were made on the balance at specified intervals during the test to assure that balance accuracy had remained consistent.

Besides the regular tunnel Mach probe and the system pressure and temperature instrumentation for flow parameters, two (2) test-section boundary-layer sensing static pressures were also installed 1/2 way thru the test. One each was installed in the ceiling and floor, at approximately the model's station in the tunnel. These were monitored to determine the onset of boundary-layer separation due to tunnel unstart conditions and/or shock impingement.

The two (2) model-structure monitoring thermocouples were installed to provide primarily qualitative links to the variations of the balance data observed as a function of model exposure to the tunnel flow.

One thermocouple was located in the model above the bodyflap attachment

INSTRUMENTATION (Concluded)

plate (on centerline at approximately station $X_0 = 1387$), and one was located on the simulated center (upper) MPS nozzle gimbal heat-shield surface.

TEST FACILITY DESCRIPTION

The Langley 20-Inch Mach 6 tunnel is a blowdown type with air as the test medium. Figure 2e schematically shows the general arrangement of this facility in which heat transfer, pressure, and force tests are conducted. The test Mach number is achieved with a fixed-geometry two-dimensional contoured nozzle (side walls are parallel) forming a throat section of 0.86 by 50.80 cm (0.339 by 20.0 in) and a test section of 52.00 by 50.80 cm (20.5 by 20.0 in). The nozzle length from the throat to the tunnel window centerline measures 2.27 m (89.37 in).

Models can be mounted either in a fixed position on the tunnel floor or on injection systems at the bottom of the tunnel test section. The opening in the bottom of the test section measures approximately 132 by 40 cm (52.0 by 15.7 in) for the lower injection system which includes a remote-controlled sting-support system capable of moving the model (up to 122 cm (48 in) long) during wind-on operation, through a basic angle-of-attack range from -5° to 55° and a basic sideslip-angle range from $+1/2^\circ$ to -10° . Injection can be adjusted to complement a given test type.

A reference Mach number is obtained from a pitot probe injected from the upper wall of the test section as shown in Figure 2e.

TEST FACILITY DESCRIPTION (Continued)

One hundred analog channels and seven digital channels of data can be recorded on a central data recording complex.

The tunnel has a movable second minimum and exhausts either into the atmosphere with the aid of an annular air ejector or into a 18.3 m (60 ft) dia vacuum sphere or this sphere plus a 12.5 m (41 ft) dia sphere. The tunnel can exhaust to the vacuum spheres and through the ejector simultaneously. This mode of operation is frequently used with force tests to reduce starting and unstarting loads. Tunnel operating conditions are as follows:

Stagnation pressure 0.34 MN/m² to 3.62 MN/m² (50 to 525 psia)

Stagnation temperature 450°K to 560°K (810° to 1018°R)

Reynolds number $2.3 \times 10^6 / \text{m}$ to $29.5 \times 10^6 / \text{m}$
..... ($0.7 \times 10^6 / \text{ft}$ to $9.0 \times 10^6 / \text{ft}$)

Dynamic pressure 3.35 kN/m² to 57.8 kN/m² (0.5 to 8.7 psia)

Running time (maximum):

With 1 sphere 1 min (18.3 m (60 ft) dia)

With 2 spheres 1.5 min (18.3 m and 12.5 m (60 ft and
41 ft) dia)

With ejector 20 min

Tunnel mass flow (maximum) 27 kg/sec (60 lbm/sec)

Ejector mass flow 60 to 80 kg/sec (133 to 177 lbm/sec)

TEST FACILITY DESCRIPTION (Concluded)

Tunnel air, heated by gas or electric heaters, is supplied from a 4.1 MN/m² (600 psia) reservoir with a storage capacity of 1195 m³ (58,500 kg) (42,200 ft³ (129,000 lbm)). Air for this reservoir is transferred from a 21.0 MN/m² (3000 psia) tank field and/or a 34.9 MN/m² (5000 psia) tank field with a combined storage capacity of 8920 m³ (297,000 kg) (31,500 ft³ (655,000 lbm)). This combination can supply air to the tunnel and ejector at a maximum combined rate of 127 kg/sec (280 lbm/sec). An activated alumina dryer provides a dewpoint temperature at 233°K (419°R) at a pressure of 4.1 MN/m² (600 psia).

TEST PROCEDURES

The standard tunnel pitch and yaw mechanisms were employed in this test, with certain modifications and procedural improvements. Pitch and yaw attitudes were computed from a Kearfott potentiometer and newly installed linear potentiometer assemblies, respectively. In addition, real-time use was made of the estimated attitudes obtained from the facility's standard prism-reflection optical system, in spite of its inherent inaccuracies in high sting-deflection situations.

The pitch-sweep sector was found to be too fast and to have too much vibration for continuous mode data acquisition, but the yaw-sweep turn-table was smooth and slow enough for such continuous recording throughout most of the test. Post-run data thinning was accomplished by the data processing personnel to reduce the 20 frame per second acquisition to approximately $0.1^\circ\beta$ increments.

Pitch limits were generally $-15^\circ\alpha$ to $+45^\circ\alpha$ for pitch-sweep runs, not using the $+4^\circ\beta$ yaw-offset plate. However, due to the run duration limits of this blowdown facility (especially at low Reynolds numbers), most data runs were conducted as multiple 15° or 20° sweeps between $0^\circ\alpha$ and $+40^\circ\alpha$. Yaw was generally set at $-0.5^\circ\beta$, $0^\circ\beta$, or $+0.5^\circ\beta$ for these sweeps.

Yaw limits were generally $-6^\circ\beta$ to $+4.5^\circ\beta$ for yaw-sweep runs, using the $+4^\circ\beta$ yaw-offset plate; most data was taken in continuous sweep mode between $-4^\circ\beta$ and $+4^\circ\beta$ at angles of attack between $+10^\circ$ and $+40^\circ$.

TEST PROCEDURES (Concluded)

The true test Mach number was determined by means of an overhead-mounted injectable Mach probe, used at the beginning and end of each blowdown (run). Desired Reynolds number was set by variation of operating total pressure, total temperature, or both.

Schlieren photography, using the existing facility hardware was obtained both in Polaroid and Varitron (still negative) modes. The Polaroid schlierens and the test section surface pressures were employed to determine boundary layer separation on the tunnel walls and, in turn, potential tunnel unstart conditions.

Numerous upright, inverted, and $\phi = 90^\circ$ runs were made with the model to examine flow-tare conditions. Various sweep-speed and sweep-mode checkruns were also conducted to determine the optimum pitch and yaw system operations.

Configuration buildup diagnostic runs were made using OMS off, VT off, and OMS and VT off configurations of Model 72-Ø.

Additionally, four special runs were dedicated to aero-hysteresis and model temperature history studies. No significant aero-hysteresis effects were observed; but "hot wall" or model-deformation effects were present to compare to similar aero-coefficient variations with model temperature noted in test ØA259. However, no specific procedural change to compensate for these effects could be worked in this facility during test ØA257.

DATA REDUCTION

Force and moment balance data were converted to standard coefficient form in both body and stability axes. Base and sting-cavity pressures were initially converted to their respective pressure coefficients before application to longitudinal corrections. (See Table V for Moment Reference Center (MRC) and Balance Reference Center (BRC) locations). Only P_{B_1} and P_{B_2} were actually employed in the base corrections, however; P_{B_3} was maintained as an active back-up base pressure surface.

The two model thermocouples provided comparative model "structural" temperature data. These data are presented in temperature form for primarily qualitative analysis, as they do not represent either aero-thermal or pure model skin temperature conditions.

The test-section ceiling and floor static pressures, also considered to be of only qualitative value, are presented in their simple pressure form.

Although sting-cavity corrections were applied to all three longitudinal body-axis coefficients (and also into the stability-axis data), a base pressure "correction" (to a "forebody" coefficient) was used only on axial-force data as follows.

$$CPBA = \frac{CPB1+CPB2}{2}$$

$$CAC = (CPBA-CPC) AC/SW$$

$$CA = CAU-CAC$$

$$CAB = -(CPBA) AB/SW$$

$$CAF = CA-CAB$$

REMARKS

Runs 8A through 8H were Mach-probe calibration, flow-blockage measurement, and tunnel-unstart checkout runs. These runs delineated the test-condition limits for Model 72-Ø in the LaRC 20-inch Mach 6 tunnel.

Runs 18 through 21, 25, 26, 55, and 65 were air-off experimental runs to examine continuous and point-pause sweep characteristics and to practice methods and timing for data point acquisition.

Due to extensive damage caused by an underground facility steampipe failure, the inter-building datalink for the Beckman data acquisition system was out of service between March 28 and April 5, 1981. Therefore, Runs 190 through 226 were recorded using a temporary, localized HP-9845 system. However, continuing difficulties in the post-test data reduction of these runs have necessitated their deletion from presentation in this report. Nevertheless, sufficient repeat runs were conducted after the Beckman system datalink was repaired to cover those run schedule sections originally acquired with the HP-9845.

Runs 224 and 338 were special thermal-history and "hot-model" investigations, while Runs 176 and 177 were aero-hysteresis examinations with continuous-sweep yaw polars.

Runs after #374 were conducted by LaRC for its own "in-house" studies of low Reynolds number effects on component buildups and for additional oilflow studies at Mach 6.

Load uncertainties and comparisons for tests OA257, OA258, and OA259 are presented in Tables VI and VII.

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6. NASA-CR-167,659, DMS-DR-2491, "Results of Investigations of the 0.020-Scale OV-102 Configuration Space Shuttle Vehicle Orbiter Model 106-0 in the USAF/AEDC VKF Tunnel B (OA258)"
7. NASA-CR 167,665, DMS-DR-2493, "Results of Investigations of the 0.010-Scale OV-102 Configuration Space Shuttle Vehicle Orbiter Model 72-0 in the NASA/AEDC VKF Tunnel B (OA259)"
8. NASA-CR-160,825, DMS-DR-2477, "Results of Investigation on an 0.004-Scale 140C Modified Configuration Space Shuttle Vehicle Orbiter Model (74-0) in the NASA/Langley Research Center 20-Inch Mach 6 Tunnel (LA141)"
9. DMS-DR-2484, LA144 (LTV HSWT 742). Not yet published.

TABLE I

TABLE II

SH-SJ 1 of 14 JEV

TEST: ØA257 (20" MG-6559)		DATA SET RUN NUMBER COLLATION-SUMMARY												DATE: 7/2/81 (REV. 2)				
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS												REYNOLDS NUMBER X 10 ⁻⁶				
		α	β	ϕ	S _{SB}	S _A	S _G	M	Y _P	I _S	F _F	MODE	SWEET	0.0	2.7	4.4	7.6	
R7E001	ØV-102 (FSB)*	A	0	0	86.6	0	0	6.0	OUT	OUT	OUT	1	2			24		
002		I	0									1	2	45	49	52		
003		J	0									1	2	46	29	53		
004		K	0									1	2	47	30	54		
005		J	-5									1	2			31		
006		K	.5									1	2			32		
007		J	-.5									1	2			33		
008		K	.5									1	2			34		
009		L	0						IN			1	2			51		
010		15	N ₁						OUT			2	1			23		
110		15	N ₂									2	1			2083		
011		17.5	N ₁									2	1			82		
111		17.5	N ₂									2	1			2082		
012		20	N ₁									2	1			81		
112		20	N ₂									2	1			2081		
013		22.5	N ₁									2	1			80		
113		22.5	N ₂	Y	Y	Y	Y	Y	Y	Y	Y	2	1			2080		

*FSB = FAIRED (ØA259) L.H. SPECIDERAKE

Y_P = YAW PLATE

IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEEP = 1 - INCREASING; 2 - DECREASING

a OR b
SCHEDULES

SEE SHEET(14) FOR SCHEDULES

NASA-MSFC-MAF

TABLE II (Continued)

TEST: φA257 (2.5" MG-6559)		DATA SET RUN NUMBER COLLATION SUMMARY												DATE: 7/2/81 (REV. 2)				SHEET 2 of 14 JEV			
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS												REYNOLDS NUMBER X 10 ⁻⁶							
		α	β	φ	δ _{SB}	SA	S _u	M	YP	IS	FF	MODE	SWEET	0.0	2.2	4.4	7.6	TEST RUN NUMBER			
RTE 014	ΦV-102 (FSB)*	25	N ₁	0	86.6	0	0	6.0	IN	OUT	OUT	2	1					77			
114		25	N ₂										2	1					2077		
015		25	φ										1	1					78		
016		27.5	N ₁										2	1					79		
116		27.5	N ₂										2	1					2079		
017		30	N ₁										2	1					88		
117		30	N ₂										2	1					2088		
018		32.5	N ₁										2	1					91		
118		32.5	N ₂										2	1					2091		
019		30	N ₁						IN				2	1					94		
119		30	N ₂										2	1					2094		
020		32.5	N ₁										2	1					95		
120		32.5	N ₂										2	1					2095		
021		35	N ₁										2	1					96		
121		35	N ₂										2	1					2096		
022		37.5	N ₁										2	1					97		
122		37.5	N ₂										2	1					2097		
023		40	N ₁										2	1					98		
123		40	N ₂										2	1					2098		

* (FSB) = FAILED (φA257) L.H. SPEED BRAKE

YP = YAW RATE
IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE ; 2 - CONTINUOUS
SWEET = 1 - INCREASING ; 2 - DECREASING

A OR B
SCHEDULES

SEE SHEET (14) FOR SCHEDULES

NASA·MSFC·MAF

TABLE II (Continued)

TEST: QA257 (20" MG-6559)		DATA SET RUN NUMBER COLLATION SUMMARY												SHEET 3 of 14 REV			
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS												REYNOLDS NUMBER $\times 10^6$			
		α	β	ϕ	δ_{SB}	SA	S_e	M	YP	IS	FF	MODE	SWEEP	0.0	2.2	4.4	7.6
R7E 024	$\Phi V-102$	A	0	0	86.6	0	0	6.0	ΦUT	ΦUT	ΦUT	1	2			68	
025		A	0							IN		1	2	129	121	123	
026		J	0									1	2		184		
027		K	0									1	2		186		
028		U	0									1	2			308	
029		U	0				+3					1	2			310	
030		U	0				+5					1	2			312	
031		J	-5				0					1	2	131	187	124	
032		K	-5									1	2	132		125	
033		J	.5									1	2	133		126	
034		K	.5									1	2	134		127	
035		J	0			0						1	2	252	249	246	
036		K	0									1	2	253	250	247	
037		J	-5									1	2	259		255	
038		K	-5									1	2	260		256	
039		J	.5									1	2	261		257	
040		K	.5									1	2	262		258	
041		U	0									1	2	320	323	314	

YP = YAW PLATE
IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEEP = 1 - INCREASING; 2 - DECREASING

a on b
SCHEDULES

SEE SHEET 1A FOR SCHEDULES

TABLE II (Continued)

SH-T 4 of 4 REV

TEST: QA257 (20" MG-455)

DATA SET RUN NUMBER COLLATION SUMMARY

DATE: 7/2/81 (REV. 2)

DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS										REYNOLDS NUMBER X 10 ⁶					
		α	β	ϕ	δ_{SS}	SA	Se	M	YP	IS	FF	MODE	SWEEP	0.0	2.2	4.4	7.6
R7E 042	ΦV-102	44.5	0	0	0	0	0	6.0	OUT	IN	OUT	1	2	321	316		
043		44.5	0									1	2	319	317		
044	(PREHEAT 70185)	±0		86.6								1	2	338			
045		A	0						IN			1	2		99		
046		0	N ₁									2	1		179		
146		0	N ₂									2	1		2179		
047		5	N ₁									2	1		180		
147		5	N ₂									2	1		2180		
048		10	N ₁									2	1		181		
148		10	N ₂									2	1		2181		
049		12.5	N ₁									2	1		182		
149		12.5	N ₂									2	1		2182		
050		15	N ₁									2	1	*	148	112	
150		15	N ₂									2	1	*	2148	2112	
051		17.5	N ₁									2	1	*	147	111	
151		17.5	N ₂									2	1	*	2147	2111	8.8
052		20	N ₁									2	1	*	146	106	302
152		20	N ₂									2	1	*	2146	2106	302

YP = YAW PLATE

IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEEP = 1 - INCREASING; 2 - DECREASING

A OR B
SCHEDULES

SEE SHEET 14 FOR SCHEDULES

** BETA VARIES SLIGHTLY (.00572° → -.74053)

* BETA SCHEDULE RANGE $\approx \pm 2.5^\circ$

NASA-MSFC-MAF

JUL 1981

TABLE II (Continued)

TEST: CA257 (20" MIG-6559)		DATA SET RUN NUMBER COLLATION SUMMARY												DATE: 7/2/81 (REV. 2)				
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS												REYNOLDS NUMBER $\times 10^{-6}$				
		d	β	ϕ	S _{SR}	S _A	S _G	M	Y _P	I _S	F _F		MODE	SWEET	0.0	2.2	4.4	7.6
RJE 053	$\Phi V-102$	20	R ₁	0	86.6	0	0	6.0	IN	IN	OUT		2	1			177	
153		20	R ₂										2	1			2177	
054		20	R ₃										2	2			1177	
154		20	R ₄										2	2			3177	
055		22.5	N ₁										2	1	*	145		105
155		22.5	N ₂										2	1	*	2145		2105
056		25	N ₁										2	1	*	144		102
156		25	N ₂										2	1	*	2144		2102
057		27.5	N ₁										2	1	*	143		103
157		27.5	N ₂										2	1	*	2143		2103
058		30	N ₁										2	1	*	142	109	104
158		30	N ₂										2	1	*	2142	2109	2104
059		32.5	N ₁										2	1	*	149		113
159		32.5	N ₂										2	1	*	2149		2113
060		35	N ₁										2	1	*	153		114
160		35	N ₂										2	1	*	2153		2114
061		37.5	N ₁										2	1	*	154		115
161		37.5	N ₂										2	1	*	2154		2115

Y_P = YAW PLATEI_S = 1" SPACERF_F = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEET = 1 - INCREASING; 2 - DECREASING

a on b
SCHEDULES

SEP SHEET 14 FOR SCHEDULES

* BETA SCHEDULE RANGE $\pm 2.5^\circ$

NASA-HSFC-MAF

TABLE II (Continued)

TEST: QA257 (20" MG-6559)		DATA SET RUN NUMBER COLLATION SUMMARY												DATE: 7/2/81 (REV. 2)			
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS												REYNOLDS NUMBER X 10 ⁻⁶			
		d	B	Φ	S _{SP}	S _A	S _P	M	Y _P	I _S	F _F	MODE	SWEET	0.0	2.2	4.4	7.6
R7E 062	ΦV-102	40	N ₁	0	86.6	0	0	6.0	IN	IN	ΦUT	2	1	*155	116		
162		40	N ₂									2	1	2155	2116		
063		40	R ₁									2	1		176		
163		40	R ₂									2	1		2176		
064		40	R ₃									2	2		1176		
164		40	R ₄									2	2		3176		
065		10	N ₁	0								2	1	291	277		
165		10	N ₂									2	1	2291	2277		
066		12.5	N ₁									2	1	290	276		
166		12.5	N ₂									2	1	2290	2276		
067		15	N ₁									2	1	289	275		
167		15	N ₂									2	1	2289	2275		
068		17.5	N ₁									2	1	288	270		
168		17.5	N ₂									2	1	2288	2270		
069		20	N ₁									2	1	284	269		
169		20	N ₂									2	1	2284	2269		
070		22.5	N ₁									2	1	282	268		
170		22.5	N ₂									2	1	2282	2268		

Y_P = YAW PLATE
I_S = 1" SPACER

F_F = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS
SWEEP = 1 - INCREASING; 2 - DECREASING

α OH B
SCHEDULES

SEE SHEET #D FOR SCHEDULES

* BETA SCHEDULE RANGE $\approx \pm 2.5^\circ$

NASA-HSFC-MAF

TABLE II (Continued)

SHEET 7 of 14 JEV

TEST: $\phi A 257$ (26" MG-6559)		DATA SET RUN NUMBER COLLATION SUMMARY											DATE: 7/2/81 (REV. 2)				
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS											REYNOLDS NUMBER $\times 10^6$				
		d	β	ϕ	δ_{SB}	SA	S_p	M	YP	IS	FF	MODE	SWEET	0.0	2.2	4.4	7.6
R7E071	$\phi V-102$	25	N_1	0	0	0	0	6.0	IN	IN.	ϕ UT	2	1	281	234	267	
	171	25	N_2									2	1	2281	2234	2267	
	072	27.5	N_1									2	1	280		266	
	172	27.5	N_2									2	1	2280		2266	
	073	30	N_1									2	1	279		265	
	173	30	N_2									2	1	2279		2265	
	074	32.5	N_1									2	1	296		271	
	174	32.5	N_2									2	1	2296		2271	
	075	35	N_1									2	1	293		272	
	175	35	N_2									2	1	2293		2272	
	076	37.5	N_1									2	1	294		273	
	176	37.5	N_2									2	1	2294		2273	
	077	40	N_1									2	1	295		274	
	177	40	N_2									2	1	2295		2274	
	078	$\phi V102$, less OMS		V	0	86.6			ϕ UT			1	2			335	
	079			W	0							1	2			333	
	080			X	.5							1	2			332	
	081			X	.5							1	2			331	

YP = YAW PLATE

IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEEP = 1 - INCREASING; 2 - DECREASING

O OR B
SCHEDULES

SER SHEET (14) FOR SCHEDULES

NASA-MSFC-MAF

TABLE II (Continued)

TEST: SA257 (23" NIG-6559)		DATA SET RUN NUMBER COLLATION SUMMARY											SET A OF 14 SETS				
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS											REYNOLDS NUMBER X 10 ⁻⁶				
		α	β	ϕ	δ_{SB}	SA	Sp	M	YP	IS	FF	MODE	SWEEP	0.0	2.2	4.4	7.6
RJE 082	ΦV-102 Bas DMS	V	0	0	0	0	0	6.0	OUT	IN	CUT	1	2				327
083		W	0									1	2				325
084		X	-5									1	2				328
085		X	.5									1	2				329
086		15	N ₁		86.6					IN		2	1				340
186		15	N ₂									2	1				2340
087		20	N ₁									2	1				341
187		20	N ₂									2	1				2341
088		20	Y ₁									2	1				386
089		20	Y ₂									2	2				1386
090		25	N ₁									2	1				342
190		25	N ₂									2	1				2342
091		25	Y ₁									2	1				387
092		25	Y ₂									2	2				1387
093		30	N ₁									2	1				343
193		30	N ₂									2	1				2343
094		15	N ₁		0							2	1				346
194		15	N ₂		0							2	1				2346

YP = YAW PLATE

IS = 1° SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEEP = 1 - INCREASING; 2 - DECREASING

A OR B
SCHEMES

SEP SHEET(14) FOR SCHEMES

NASA-MSFC-MAF

200 (C)

TABLE II (Continued)

SHEET 9 of 14 JEV

TEST: ØA257 (20" 116-655)		DATA SET RUN NUMBER COLLATION SUMMARY										DATE: 7/2/81 (REV. 2)					
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS										REYNOLDS NUMBER X 10 ⁶					
		α	β	ϕ	δ_{SB}	SA	SG	M	YP	IS	FF	MODE	SWEET	0.0	2.2	4.4	7.6
R7E095	ØV-102	20	N ₁	0	0	0	0	6.0	IN	IN	ØUT	2	1				347
195		20	N ₂	—	—	—	—	—	—	—	—	2	1				2347
096		20	Y ₁	—	—	—	—	—	—	—	—	2	1				382
097		20	Y ₂	—	—	—	—	—	—	—	—	2	2				1382
098		25	N ₁	—	—	—	—	—	—	—	—	2	1				348
198		25	N ₂	—	—	—	—	—	—	—	—	2	1				2348
099		25	Y ₁	—	—	—	—	—	—	—	—	2	1				384
0A1		25	Y ₂	—	—	—	—	—	—	—	—	2	2				1384
0A2		30	N ₁	—	—	—	—	—	—	—	—	2	1				349
1A2		30	N ₂	—	—	—	—	—	—	—	—	2	1				2349
0A3	ØV102 less ØMS & VT	V	0	—	—	—	—	—	ØUT	—	—	1	2				359
0A4		W	0	—	—	—	—	—	—	—	—	1	2				358
0A5		X	-5	—	—	—	—	—	—	—	—	1	2				360
0A6		X	.5	—	—	—	—	—	—	—	—	1	2				361
0A7		15	N ₁	—	—	—	—	—	IN	—	—	2	1				352
1A7		15	N ₂	—	—	—	—	—	—	—	—	2	1				2352
0A8		20	N ₁	—	—	—	—	—	—	—	—	2	1				353
1A8		20	N ₂	—	—	—	—	—	—	—	—	2	1				2353

YP = YAW PLATE

IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PULSE ; 2 - CONTINUOUS

SWEEP = 1 - INCREASING ; 2 - DECREASING

a OR b
SCHEDULES

SEP SHEET (14) FOR SCHEDULES

NASA-MSFC-MAF

TABLE II (Continued)

SHEET 10 of 14

TEST: QA257 (23" N.G.-6559)		DATA SET RUN NUMBER COLLATION SUMMARY											DATE: 7/2/81 (REV. 2)				
DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS											REYNOLDS NUMBER $\times 10^{-6}$				
		α	β	ϕ	$\delta\sigma$	S _A	S _B	M	Y _P	I _S	F _F	MODE	SWEET	0.0	2.2	4.4	7.6
R7E 0A9	ΦV-102 less φ115+VT	20	Y ₁	0	-	0	0	6.0	IN	IN	FUT	2	1	379			
OB1		20	Y ₂	-	-	-	-	-	-	-	-	2	2	1379			
OB2		25	N ₁	-	-	-	-	-	-	-	-	2	1	354			
OB2		25	N ₂	-	-	-	-	-	-	-	-	2	1	2354			
OB3		25	Y ₁	-	-	-	-	-	-	-	-	2	1	380			
OB4		25	Y ₂	-	-	-	-	-	-	-	-	2	2	1380			
OB5		30	N ₁	-	-	-	-	-	-	-	-	2	1	356			
OB5		30	N ₂	-	-	-	-	-	-	-	-	2	1	2356			
OB6	ΦV102 less VT	V	0	-	-	-	-	-	FUT	-	-	1	2	365			
OB7		W	0	-	-	-	-	-	-	-	-	1	2	364			
OB8		X	-5	-	-	-	-	-	-	-	-	1	2	366			
OB9		X	.5	-	-	-	-	-	-	-	-	1	2	367			
OC1		15	N ₁	-	-	-	-	-	IN	-	-	2	1	374			
OC1		15	N ₂	-	-	-	-	-	-	-	-	2	1	2374			
OC2		20	N ₁	-	-	-	-	-	-	-	-	2	1	370			
OC2		20	N ₂	-	-	-	-	-	-	-	-	2	1	2370			
OC3		20	Y ₁	-	-	-	-	-	-	-	-	2	1	376			
OC4		20	Y ₂	-	-	-	-	-	-	-	-	2	2	1376			

Y_P = YAW PLATE

IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEEP = 1 - INCREASING; 2 - DECREASING

A OR B
SCHEDULES

SEE SHEET 14 FOR SCHEDULES

NASA-MSFC-HAF

200 CC

TABLE II (Continued)

SECRET 11 of 14 JES

TEST: Q1257 (20" M6-6559)

DATA SET RUN NUMBER COLLATION SUMMARY

DATE: 7/2/81 (REV. 2)

DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS										REYNOLDS NUMBER $\times 10^{-6}$					
		d	β	ϕ	δ_{SB}	SA	S_e	M	YP	IS	FF	MODE	SWEET	0.0	2.2	4.4	7.6
R7E OC5	$\Phi V-102$ less VT.	25	N ₁	0	-	0	0	6.0	IN	IN	OUT	2	1				371
OC5		25	N ₂	T	-	T						2	1				2371
OC6		25	Y ₁		-							2	1				377
OC7		25	Y ₂		-							2	2				1377
OC8		30	N ₁		-							2	1				372
OC8		30	N ₂	T	-				▼	▼		2	1				2372
OC9	$\Phi V-102$ (FSB)	M	0	180	86.6				ΦUT	OUT		1	2	59	61	63	
OD1	$\Phi V-102$	P	0	270					IN	IN		1	2	168	160	164	
OD2		0	Q	270								1	1	169	161	165	
OD3		4.5	Q	270		▼	▼	1	▼	▼	▼	1	1	170	162	166	

YP = YAW PLATE

IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MOPEE = 1 - PITCH PAUSE ; 2 - CONTINUOUS

STEPS: 1 - INCREASING; 2 - DECREASING

α β
SCHEFFLERS

SEE SHEET (II) FOR SCHEDULES

NASA-MSFC-MAF

TABLE II (Continued)

-- REPEAT DATA --

SHEET 12 OF 14 JEV

TEST: SA257 (20" I.I.C.-6559)

DATA SET RUN NUMBER COLLIGATION SUMMARY

DATE: 7/2/81 (REV. 2)

DATA SET IDENTIFIER	CONFIGURATION	PARAMETERS											REYNOLDS NUMBER X 10 ⁻⁶				
		d	β	ϕ	S _{SP}	S _A	S _C	M	Y _P	I _S	F _F	MODE	SWEET	0.0	2.2	4.4	7.6
R7E 425	<u>OV-102</u>	A	0	0	8.6	0	0	6.0	OUT	IN	OUT	1	2				136
525		A	0									1	2				229
625		A	0									1	2				306
445		A	0						IN			1	2				108
545		A	0									1	2				157
645		A	0									1	2				174
458		30	N ₁									2	1				118
A13			N ₂									2	1				2118
500			N ₁									2	1				139
B19			N ₂									2	1				2139
658			N ₁									2	1				151
C15			N ₂									2	1				2151
758			N ₁									2	1				175
853			N ₂									2	1				2175
859			N ₁									2	1				231
E58			N ₂									2	1				2231
958			N ₁									2	1				301
F58			N ₂									2	1				2301

Y_P = YAW PLATE

IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

MODE = 1 - PITCH PAUSE; 2 - CONTINUOUS

SWEEP = 1 - INCREASING; 2 - DECREASING

A OR B
SCHEDULES

SEE SHEET 14 FOR SCHEDULES

NASA-MSFC-MAF

JUL 1981

TABLE II (Continued)

Sheet 13 of 14 SEV

TEST: ØA257 (20" M6-655)

DATA SET RUN NUMBER COLLATION SUMMARY

DATE : 7/2/81 (REV. 2)

α OR β

SEP SHEET (14) FOR SCHEDULES

YP = YAW PLATE
IS = 1" SPACER

FF = FLOOR FILLER SEGMENT

NOTE = 1 = PITCH PAUSE : 2 = CONTINUE

MODE = 1 - PITCH PAUSE ; 2 - CONTINUOUS
SHEEP = 1 - INCREASING ; 2 - DECREASING

NASA-MSFC-MAF

TABLE II (Concluded)
DATA SET RUN NUMBER COLLATION SUMMARY

Coefficient Schedules

Dataset 1st Character	1st Indep Variable	2nd Indep Variable	Dependent Variables	CN	CA	CLM	CY	CYN	CBL	CL	CD	L/D
R	RN/L	ALPHA/BETA	BETA/ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
S	RN/L	ALPHA/BETA	BETA/ALPHA									
T	RN/L	ALPHA/BETA	BETA/ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN	

 α Schedules:Pitch-Pause

A = 40° to 0° , $\Delta\alpha = 5^{\circ}$
 I = 20° to 0° , $\Delta\alpha = 1.0^{\circ}$
 J = 30° to 15° , $\Delta\alpha = 1.0^{\circ}$
 K = 40° to 25° , $\Delta\alpha = 1.0^{\circ}$
 L = 25° to 0° , $\Delta\alpha = 1.0^{\circ}$
 M = 15° to 0° , $\Delta\alpha = 1.0^{\circ}$
 P = 4° to -5° , $\Delta\alpha = 0.5^{\circ}$
 U = 40° to 15° , $\Delta\alpha = 2.5^{\circ}$
 V = 25° to 0° , $\Delta\alpha = 1.0^{\circ}$
 W = 40° to 15° , $\Delta\alpha = 1.0^{\circ}$
 X = 40° to 0° , $\Delta\alpha = 1.25^{\circ}$
 Z = 40° to 10° , $\Delta\alpha = 1.0^{\circ}$

 β Schedules:Pitch-Pause

$\phi = -4.0^{\circ}$ to 4.0° , $\Delta\phi = 0.5^{\circ}$
 Q = -5.0° to 5.0° , $\Delta\phi = 0.5^{\circ}$

Continuous (β Sweeps)

$N_1 = -4.0$ to 4.0 (odd points; $\beta_1, \beta_3, \beta_5$, etc.)
 $N_2 = -4.0$ to 4.0 (even points; $\beta_2, \beta_4, \beta_6$, etc.)
 $R_1 = -3.0$ to 3.0 (odd points)
 $R_2 = -3.0$ to 3.0 (even points)
 $R_3 = 3.0$ to -3.0 (odd points)
 $R_4 = 3.0$ to -3.0 (even points)
 $Y_1 = -2.0$ to 2.0
 $Y_2 = 2.0$ to -2.0

TABLE III
MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY - B₇₅

GENERAL DESCRIPTION : Orbiter Vehicle 102-OML Baseline

MODEL SCALE: 0.0100

DRAWING NUMBER : VL70-000003C VC70-000002B

DIMENSIONS :	FULL SCALE	MODEL SCALE
Ref. Length (OML: Fwd Sta. $X_o = 235$), In.	<u>1293.3</u>	<u>12.933</u>
(IML: Fwd Sta. $X_o = 238$), In.	<u>1290.3</u>	<u>12.903</u>
Max Width (@ $X_o = 1528.3$), In.	<u>264.0</u>	<u>2.640</u>
Max Depth (@ $X_o = 1464$), In.	<u>250.0</u>	<u>2.500</u>
Fineness Ratio	<u>4.899</u>	<u>4.899</u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional, ft ²	<u>340.885</u>	<u>0.03409</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III (Continued)
MODEL DIMENSIONAL DATA

MODEL COMPONENT : CANOPY - C₁₆
 GENERAL DESCRIPTION : OV-102 Orbiter Canopy

 MODEL SCALE: 0.0100
 DRAWING NUMBER: DCD V70-30-950-01 (VC70-000002B)

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length, in (X_0 432.0798 to X_0 670)	<u>237.920</u>	<u>2.379</u>
Max Width, in (@ X_0 594)	<u>194.067</u>	<u>1.941</u>
Max Depth, in. (@ X_0 492)	<u>59.790</u>	<u>0.598</u>
Fineness Ratio (length/max width)	<u>1.226</u>	<u>1.226</u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional @ X_0 520	<u>ft² 45.66</u>	<u>0.004566</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III (Continued)
MODEL DIMENSIONAL DATA

MODEL COMPONENT : ELEVON - E₆₄

GENERAL DESCRIPTION : Elevon for OV-102 configuration. Hingeline
at $X_0 = 1387$, elevon split line $X_0 = 312.5$, 6.0" tips with 8° beveled
edges, and centerbodies same as E63 but includes bevel Tip.

MODEL SCALE: 0.0100

DRAWING NUMBER : VC70-000002B

DIMENSIONS	FULL SCALE	MODEL SCALE
Ref. Area - Ft^2	210.00	0.02100
Area - Ft^2	206.57	0.02066
Span (equivalent), In	346.44	3.464
Inb'd equivalent chord, In	116.500	1.165
Outb'd equivalent chord, In	55.219	0.552
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	.2137	.2137
At Outb'd equiv. chord	0.3999.	0.3999.
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Trailing Edge	-10.056	-10.056
Hingeline	0.0	0.0
Area Moment (Product of area)	1540.74	0.001541
Mean Aerodynamic Chord, In.	89.50	0.0895
Hingeline dihedral (origin at $Z_0 = 261.3509$), deg.	5.229	5.229

MODEL III (Continued)

MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODYFLAP - F16GENERAL DESCRIPTION : Orbiter OV-102 Baseline OML at $X_0 = 1532$, $X_o = 287$ MODEL SCALE: 0.0100DRAWING NUMBER : VC72-000003C VC70-000002B

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ($X_0 = 1525.5$ to $X_0 = 1613$), In.	<u>87.50</u>	<u>0.875</u>
Max Width (@ L.E., $X_0 = 1525.5$), In.	<u>256.00</u>	<u>2.560</u>
Max Depth ($X_0 = 1532$), In.	<u>19.798</u>	<u>0.198</u>
Fineness Ratio	_____	_____
Areas - Ft^2	_____	_____
Max. Cross-Sectional (@ H.L.)	<u>35.196</u>	<u>0.003520</u>
Planform	<u>135.75</u>	<u>0.013575</u>
Wetted	_____	_____
Base ($X_0 = 1613$)	<u>4.89</u>	<u>0.000489</u>

TABLE III (Continued)
MODEL DIMENSIONAL DATA

MODEL COMPONENT : OMS POD - M₅₂

GENERAL DESCRIPTION : OV-102 Baseline Same as M₁₈

MODEL SCALE: 0.0100

DRAWING NUMBER: VC70-000003C, VC70-000002B

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length , (OMS FWD Sta X ₀ = 1311.0), In. includes DCS Package	<u>258.64</u>	<u>2.586</u>
Max Width (@ X ₀ = 1511), In.	<u>135.55</u>	<u>1.356</u>
Max Depth (@ X ₀ = 1511), In.	<u>74.36</u>	<u>0.744</u>
Fineness Ratio	<u>1.475</u>	<u>1.475</u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional , ft ²	<u>59.091</u>	<u>0.005909</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III (Concluded)

MODEL COMPONENT: WING-W131

GENERAL DESCRIPTION: OV-102 OML Configuration

NOTE: Includes Wing Elevon Stubs. Dihedral angle is along trailing edge of wing. Geometric Twist = 0°

MODEL SCALE: 0.0100

TEST NO: DWG. NO.: VC70-000002B

DIMENSIONS: FULL-SCALE MODEL SCALE.

TOTAL DATA

Area (Theo.) Ft ²	Planform	2690.0	0.26900
Span (Theo.) In.		936.68	9.367
Aspect Ratio		2.265	2.265
Rate of Taper		1.177	1.177
Taper Ratio		0.200	0.200
Dihedral Angle, degrees		3.500	3.500
Incidence Angle, degrees		0.500	0.500
Aerodynamic Twist, degrees			
Sweep Back Angles, degrees			
Leading Edge		45.000	45.000
Trailing Edge		-10.056	-10.056
0.25 Element Line		35.209	35.209
Chords:			
Root (Theo) B.P.0.0.		689.24	6.892
Tip, (Theo) B.P. 468.34		137.85	1.379
MAC		474.81	4.748
Fus. Sta. of .25 MAC		1136.83	11.368
W.P. of .25 MAC		290.58	2.906
B.L. of .25 MAC		182.13	1.821

EXPOSED DATA

Area (Theo.) Ft ²		1721.60	0.17216
Span, (Theo.) In, BP111.8		713.003	7.130
Aspect Ratio		2.051	2.051
Taper Ratio		0.193	0.193
Chords			
Root BP111.8		557.56	5.576
Tip 1.00 $\frac{1}{2}$		137.85	1.379
MAC		389.92	3.899
Fus. Sta. of .25 MAC		1187.71	11.877
W.P. of .25 MAC		295.27	2.953
B.L. of .25 MAC		254.23	2.542

Airfoil Section (Rockwell Mod NASA)

XX-64			
Root $\frac{t}{c} =$		0.1137	0.1137
Tip $\frac{t}{c} =$		0.120	0.120

Data for (1) of (2) Sides

Leading Edge Cuff			
Planform Area Ft ²		145.4	0.1454
Leading Edge Intersects Fus M.L. @ Sta.		427.75	4.278
Leading Edge Intersects Wing @ Sta.		1084.00	10.840

TABLE IV
CONTROL SURFACE BRACKET DEFLECTION VALUES

δ_{SB}/δ_R	$\delta e/\delta_a$
$0.09^\circ/-0.16^\circ$	$=0.00^\circ/0.00^\circ$
$23.87^\circ/-0.39^\circ$	$-0.02^\circ/+3.04^\circ$
$54.28^\circ/+0.19^\circ$	$-0.02^\circ/+5.29^\circ$
$68.61^\circ/+0.53^\circ$	N/A
$86.60^\circ/-0.18^\circ$	N/A

TABLE V
CONSTANTS

<u>SYMBOL</u>	<u>DEFINITION</u>	<u>F.S. VALUE</u>	<u>M.S. VALUE</u>
AB	Fuselage Base Area	436.7 ft ²	0.04367 ft ²
AC	Fuselage Sting-Cavity Area	167.0 ft ²	0.01670 ft ²
SW(SREF)	Wing Reference Area	2690.0 ft ²	0.26900 ft ²
LB(LREF)	Body Reference Length	1290.3 in	12.903 in
MRC			
x _o		1076.7 in	10.767 in
y _o		0.0 in	0.000 in
z _o		375.0 in	3.750 in
BRC			
x _o		1076.6 in	10.766 in
y _o		-0.1 in	-0.001 in
z _o		390.0 in	3.900 in

u - Uncertainty of balance coefficients only

u - Uncertainty includes tuning parameters

6.0	2029	7.60	u	0.0019	0.0006	0.0006	0.0006	0.00010	0.00016	0.00024
6.0	2029	4.10	u	0.0032	0.00010	0.0011	0.00017	0.00027	0.00041	
6.0	2029	2.00	u	0.0054	0.0016	0.00175	0.00029	0.00045	0.00069	

QA257 1% MODEL LRC

6.0	-074	4.40	u	0.0077	0.00016	0.0004	0.0006	0.00013	0.00022	0.00034
6.0	-074	2.00	u	0.0036	0.0014	0.0008	0.00012	0.00028	0.00042	0.00062

QA259 1% MODEL AEDC

8.0	-073	2.92	u	0.0037	0.0004	0.0005	0.0005	0.00017	0.0011	0.0012
8.0	-073	2.20	u	0.0049	0.0006	0.0007	0.0006	0.00023	0.0014	
8.0	-073	0.96	u	0.0097	0.0021	0.00033	0.00033	0.00035	0.0015	
8.0	-073	0.96	u	0.0112	0.0022	0.0015	0.0014	0.00052	0.0034	
6.0	-072	3.83	u	0.0037	0.0013	0.0030	0.00040	0.00024	0.0018	
6.0	-073	3.83	u	0.0029	0.0016	0.0036	0.00037	0.00037	0.0019	
6.0	-073	3.83	u	0.0022	0.0004	0.0004	0.0004	0.00015	0.0009	
6.0	-073	2.20	u	0.0019	0.0011	0.0007	0.00035	0.00024	0.0010	
6.0	-073	0.96	u	0.0018	0.00064	0.0007	0.00013	0.00025	0.0016	

QA258 2% MODEL AEDC

M ₀	B ₀ g ₀	R _{NL}	u/u	C _A	C _{AT}	C _M	C _R	C _N	C _Y
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ESTIMATED UNCERTAINTIES

TABLE VI

TABLE VII
LOAD UNCERTAINTY COMPARISONS

Balance # TEST		F_N	F_A	m	ℓ	n	F_Y
-072 OA258	P	0.782	0.261	6.135	1.184	1.170	0.293
	B	-0.107	0.163	2.425	-1.152	-0.002	0.354
	U	1.671	0.685	14.695	3.893	2.346	0.940
	LOAD	1500	300	7575	800	5050	1000
-073 OA258	P	0.754	0.094	0.638	0.117	0.644	0.204
	B	-0.123	-0.002	0.838	0.033	-0.163	-0.089
	U	1.631	0.190	2.114	0.387	1.445	0.497
	LOAD	700	150	3640	300	3640	700
-074 OA259	P	0.125	0.045	0.126	0.037	0.084	0.038
	B	0.000	0.008	0.011	-0.002	0.015	-0.012
	U	0.250	0.098	0.263	0.076	0.183	0.088
	LOAD	200	50	680	100	680	200
2029 OA257	Δ	0.500	0.150	0.770	0.250	0.390*	0.640*
	LOAD	300	75	350	50	75	50

P - Precision Index

B - Bias

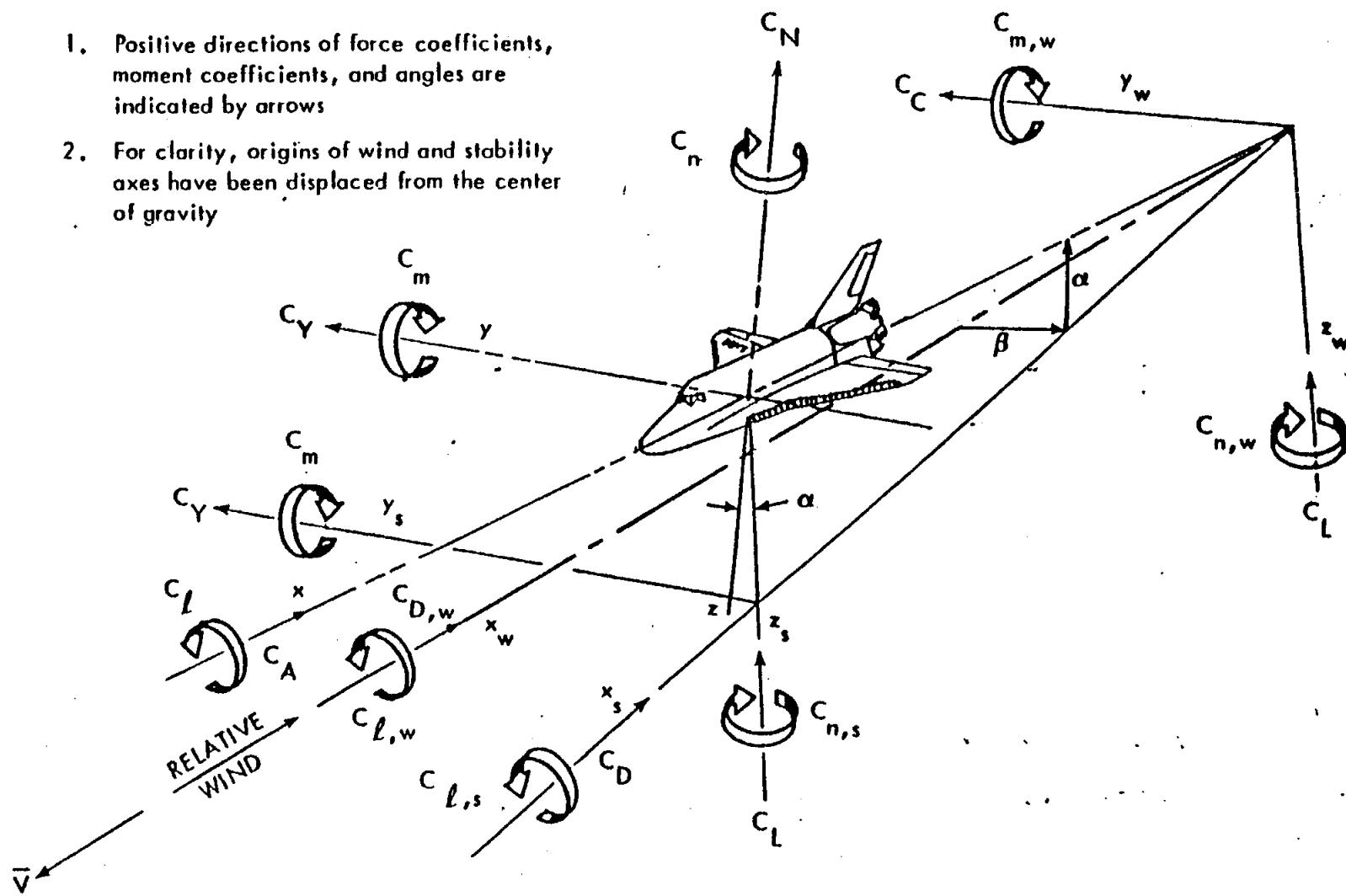
U - Uncertainty

Δ - Error between Applied and Calculated Load

* Large errors due to slippage between cal body and balance

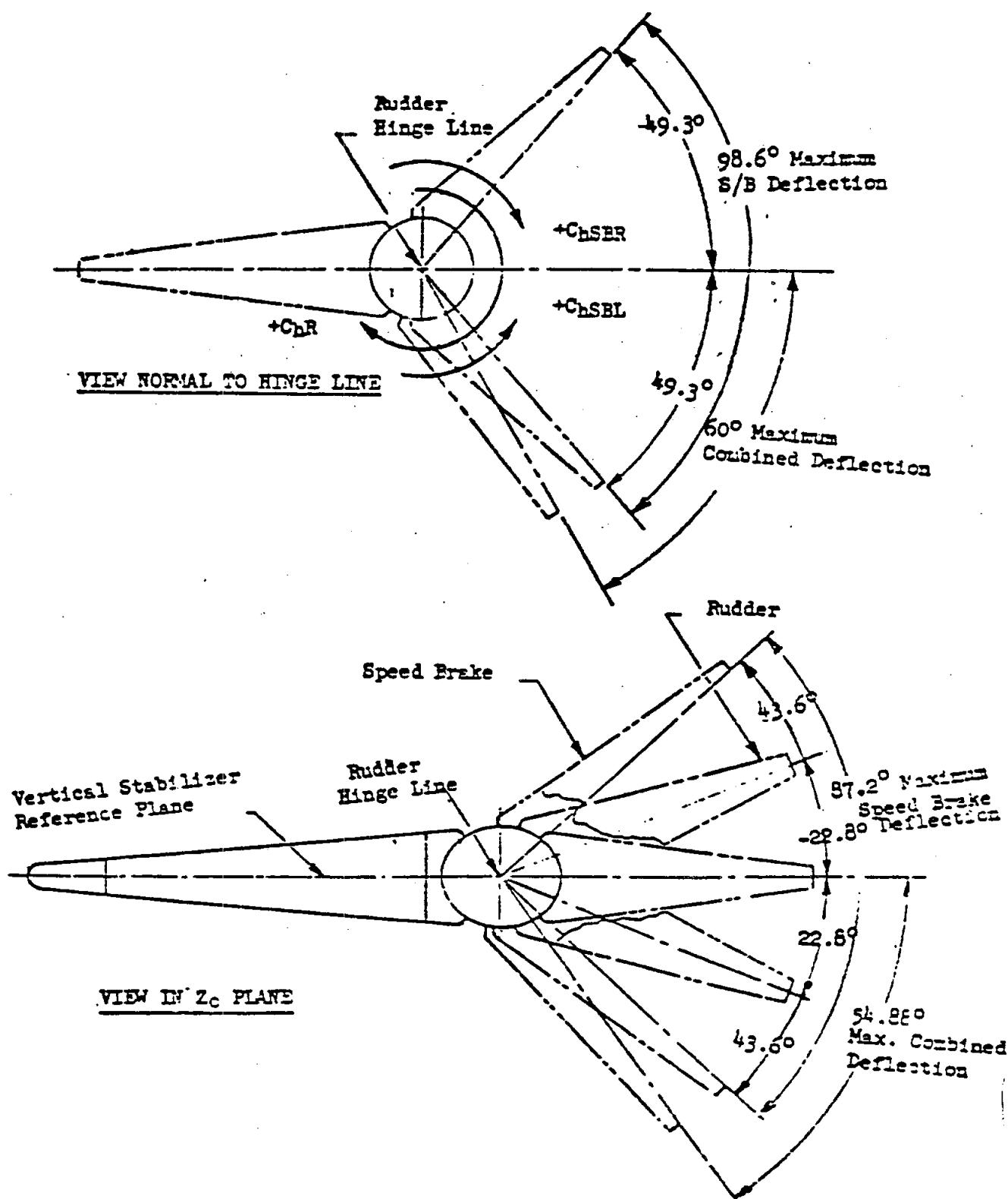
Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



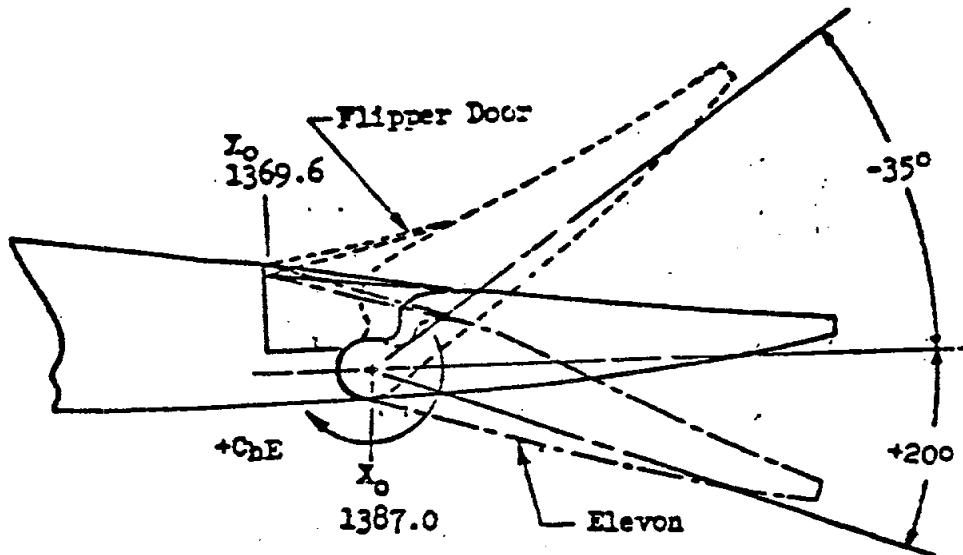
a. Axis Systems

Figure 1. Axis Systems and Sign Conventions

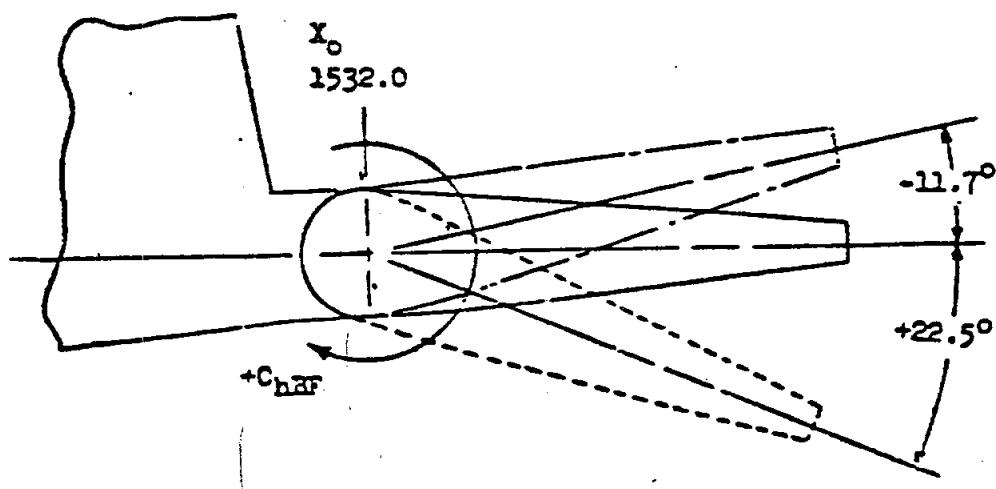


b. Rudder/Speedbrake Deflections

Figure 1 (Continued)



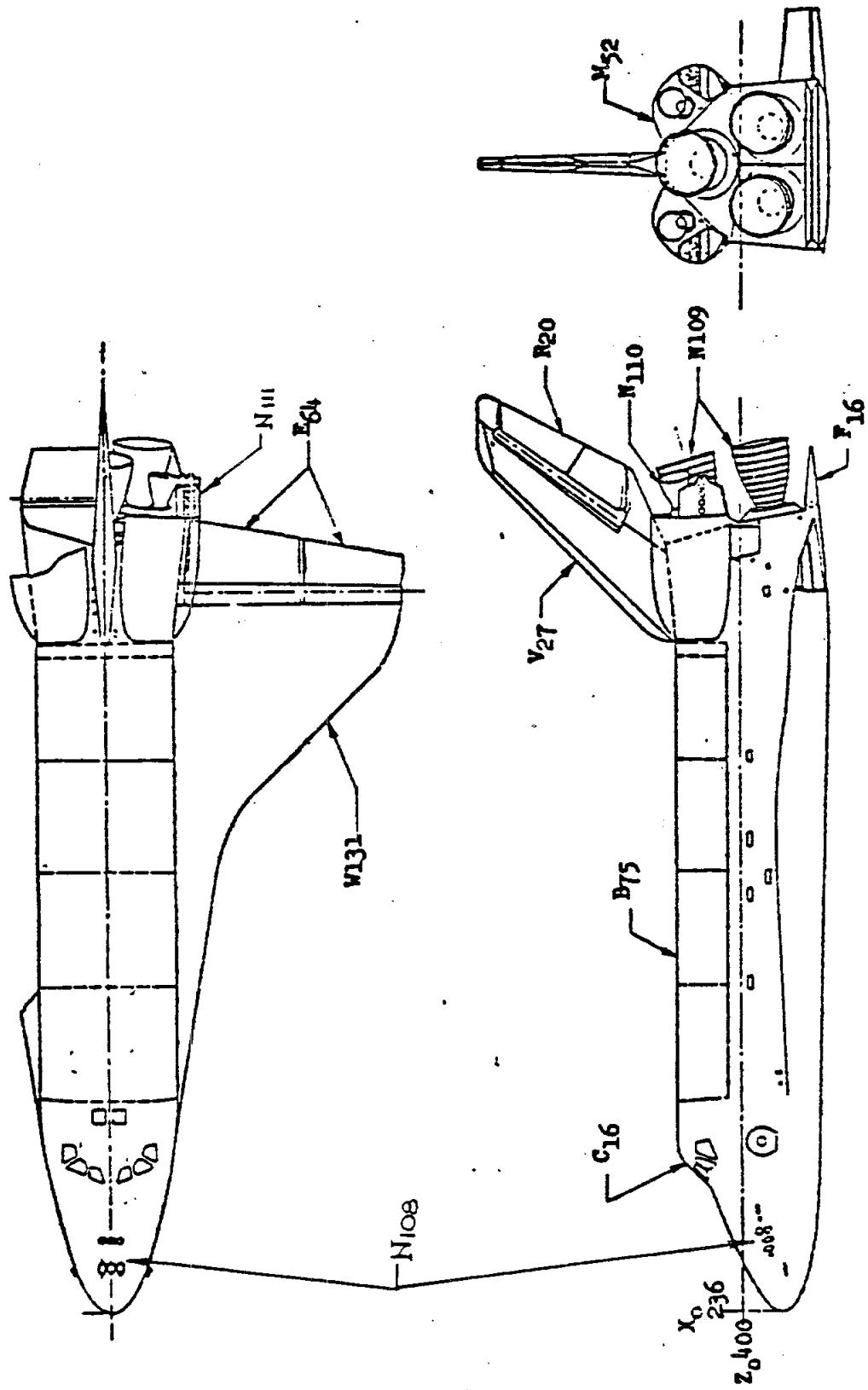
ELEVON DEFLECTIONS



BODY FLAP DEFLECTIONS

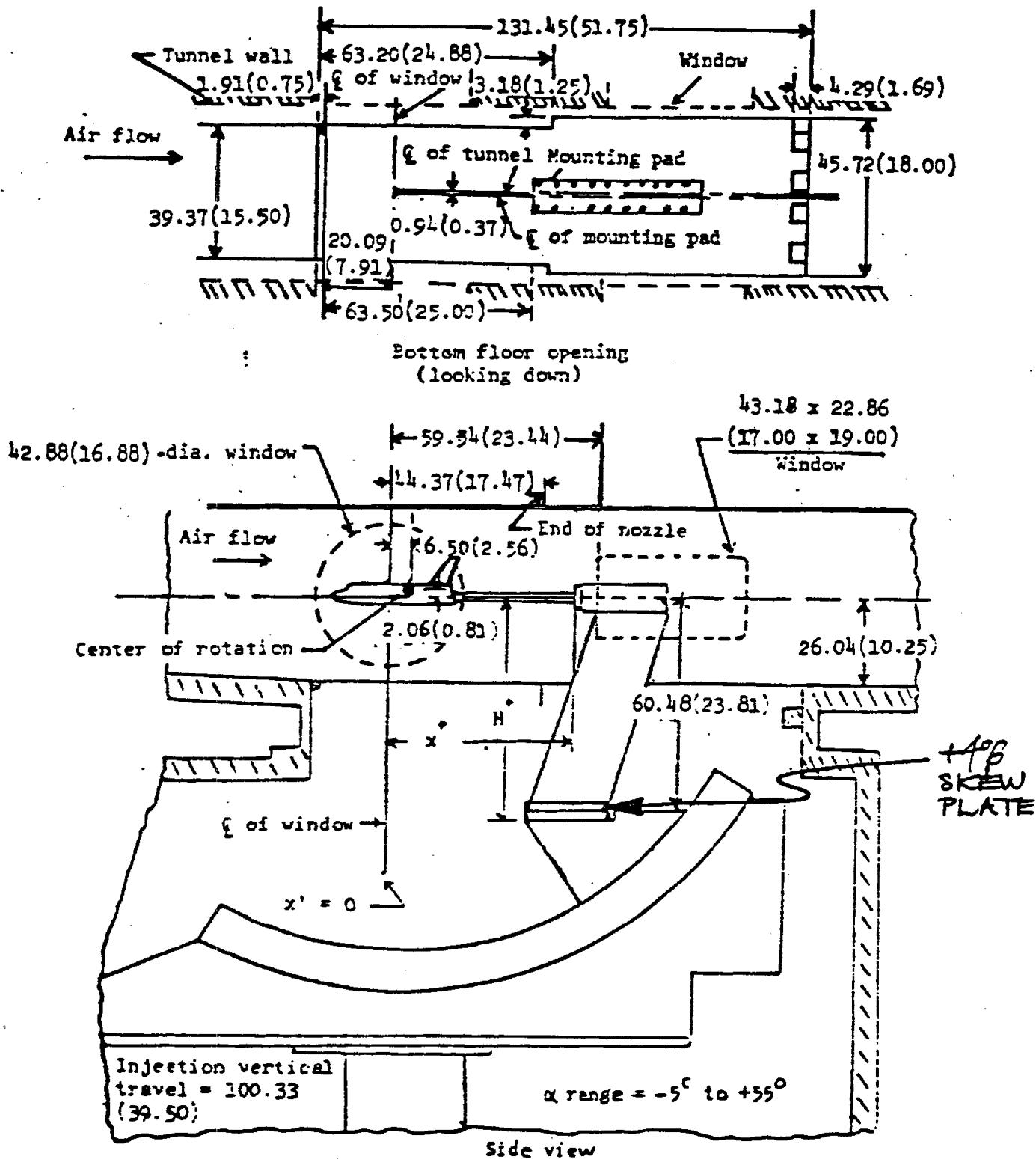
c. Body Flap and Elevon Deflections

Figure 1 (Concluded)



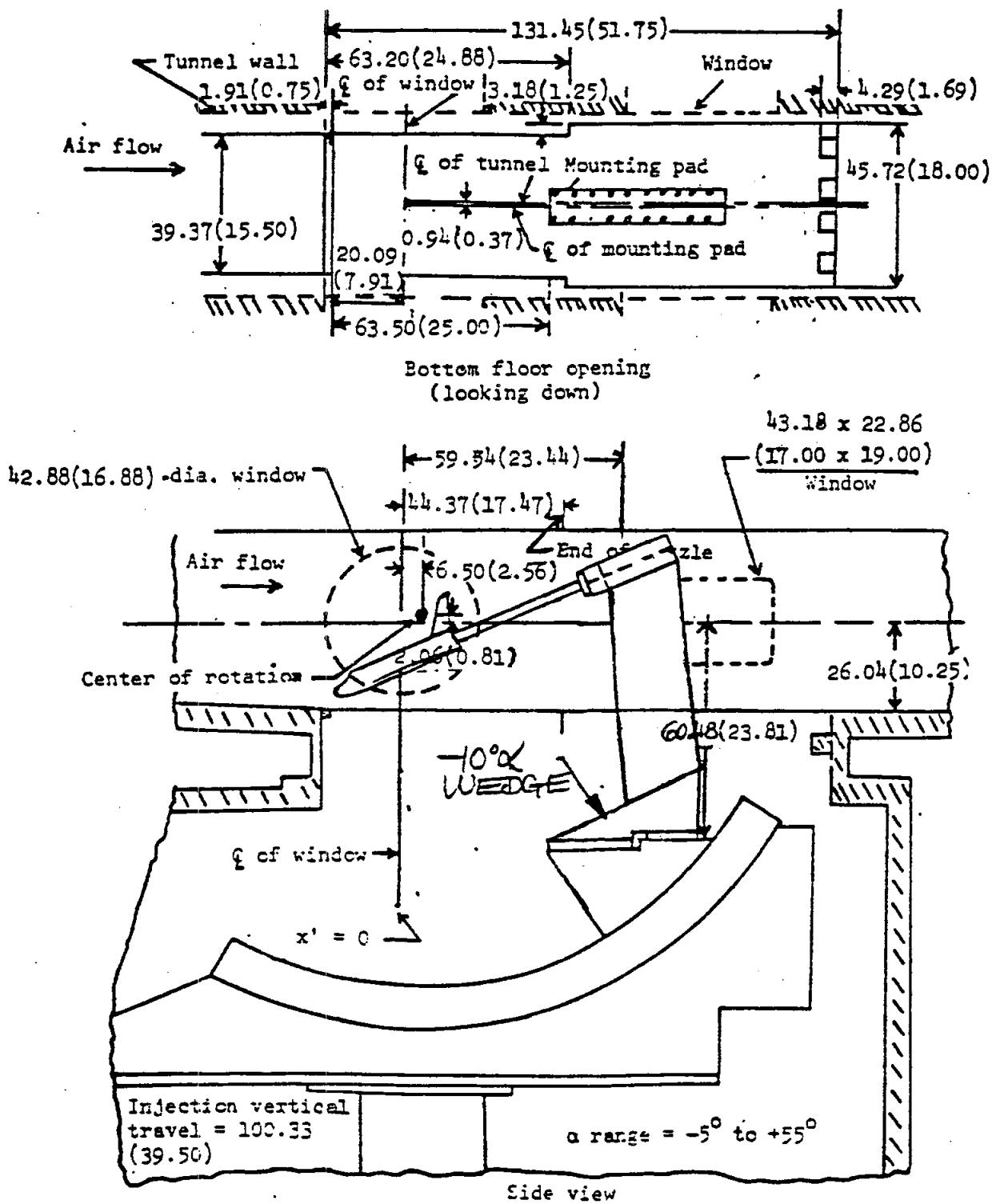
a. Orbiter Configuration

Figure 2. Model Sketches



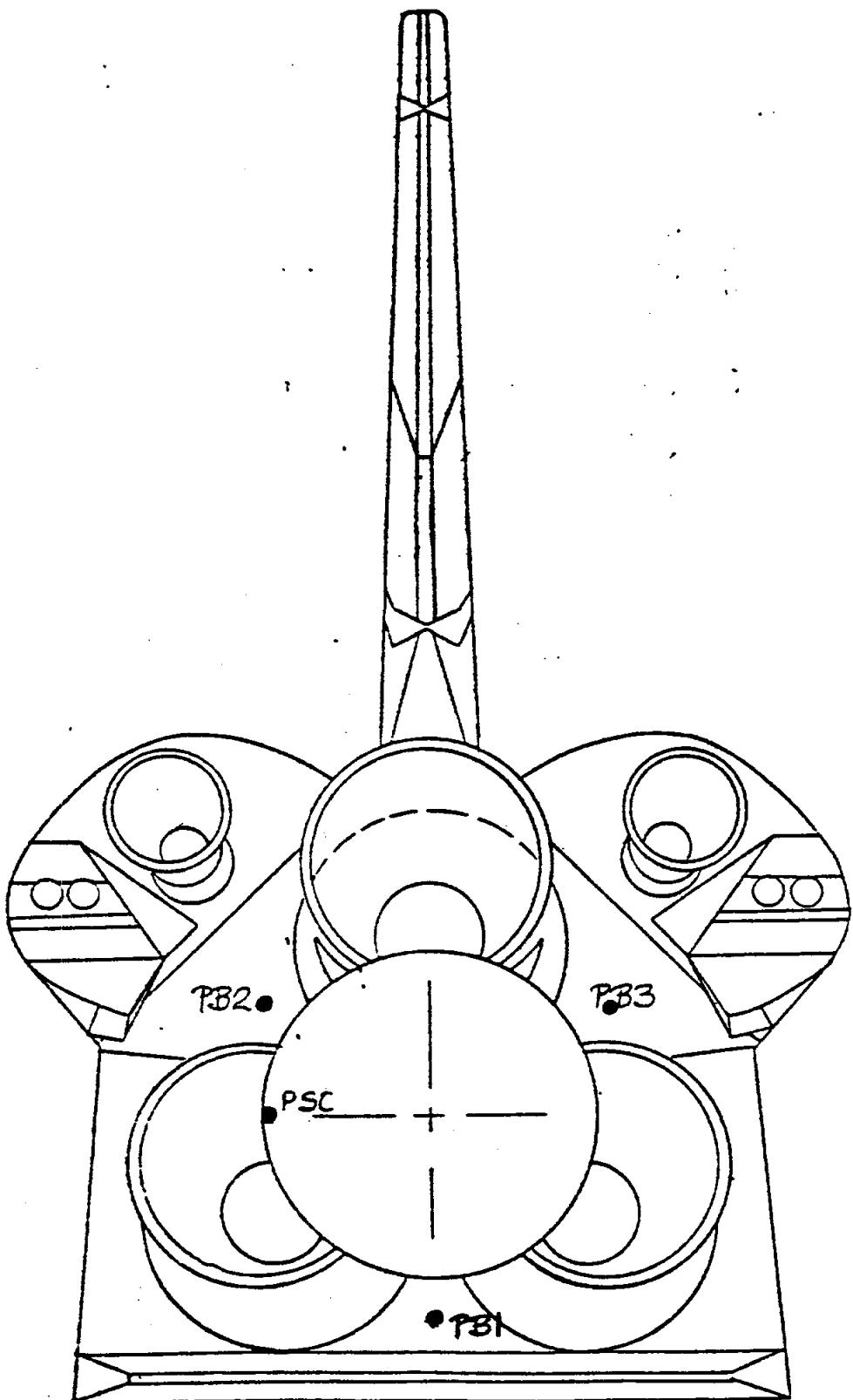
b. Primary Model Installation

Figure 2 (Continued)



c. Secondary Model Installation

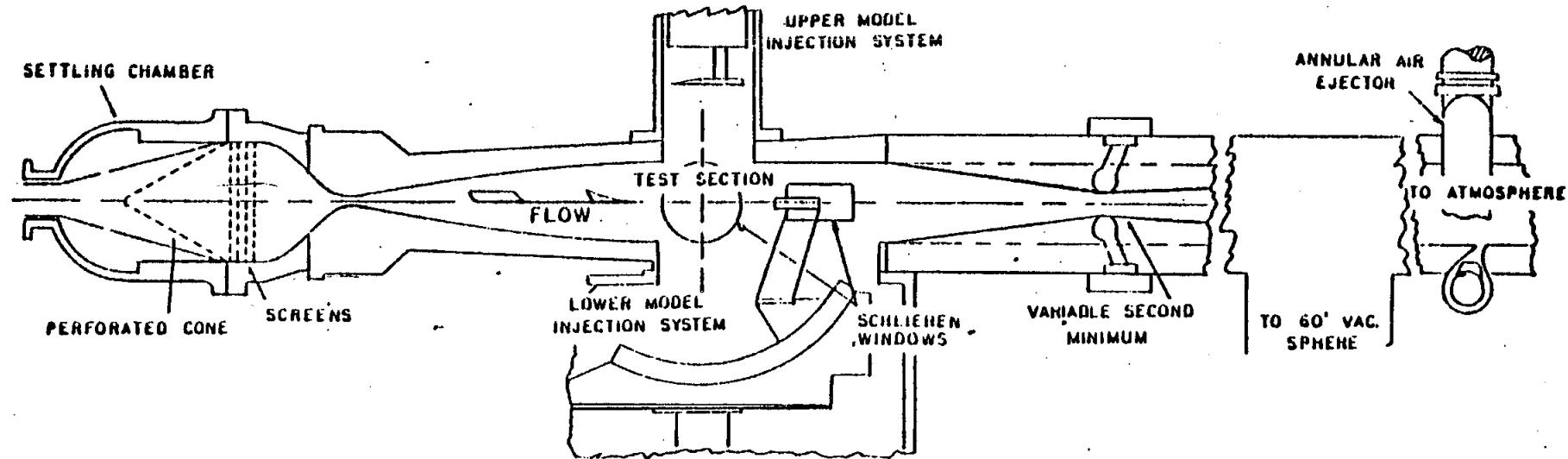
Figure 2 (Continued)



d. Base and Sting Cavity Pressure Tap Locations

Figure 2 (Continued)

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e. LaRC 20 Inch M 6 Facility

Figure 2 (Concluded)

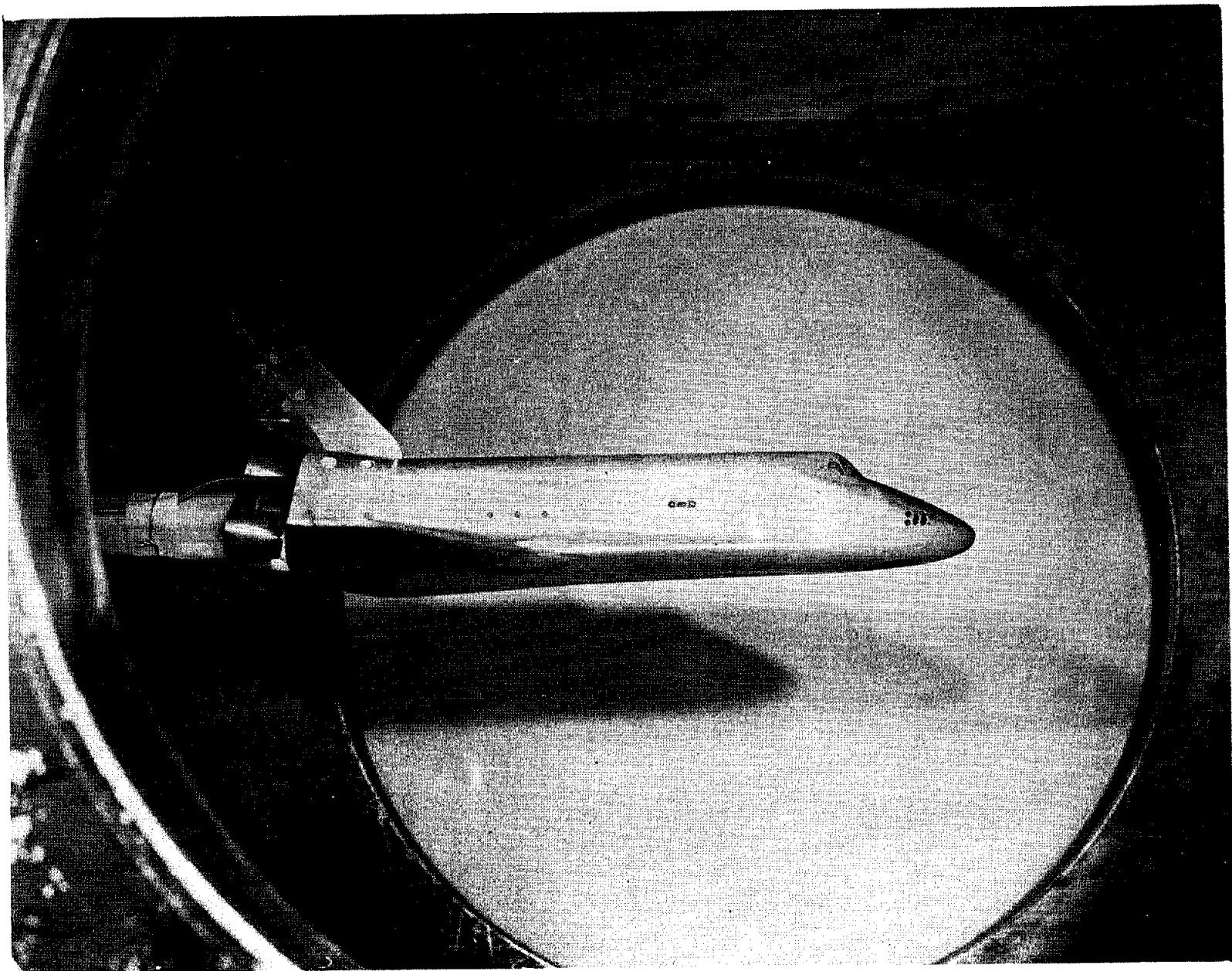


Figure 3. Model Photograph

Model 72-Ø Installation (Side View)

Appendix

Tabulated Source Data

Dataset												
1st Character	Dependent Variables											
R	BETA/ALPHA	CN	CA	CLM	CY	CYN	CBL	CL	CD	L/D		
S	BETA/ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC		
T	BETA/ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN			

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Datasets R7E001-R7EC73 1 - 360
Datasets S7E001-S7E166 361 - 538

Volume 2

Datasets S7E067-S7EC73 539 - 720
 Datasets T7E001-T7EC73 721 - 1080

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(S7E067) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 289/ 0 RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.237	-4.287	14.57600	5.96060	-.99249	2.41550	.02218	.02096	.02307	147.27000	4.48810	.02413
2.234	-4.100	14.58500	5.96070	-.99315	2.41430	.02209	.02089	.02301	147.21000	4.48580	.02406
2.234	-3.900	14.58400	5.96090	-.99310	2.41490	.02207	.02090	.02293	147.26000	4.48690	.02404
2.231	-3.700	14.58900	5.96100	-.99346	2.41450	.02209	.02094	.02290	147.25000	4.48610	.02406
2.230	-3.500	14.58900	5.96110	-.99358	2.41440	.02222	.02107	.02290	147.25000	4.48590	.02417
2.233	-3.300	14.58900	5.96120	-.99371	2.41390	.02237	.02127	.02305	147.23000	4.48510	.02437
2.235	-3.100	14.59200	5.96130	-.99405	2.41350	.02257	.02150	.02324	147.22000	4.48420	.02460
2.236	-2.900	14.59600	5.96140	-.99440	2.41390	.02280	.02172	.02343	147.25000	4.48490	.02480
2.237	-2.700	14.60000	5.96160	-.99478	2.41420	.02305	.02190	.02359	147.29000	4.48550	.02497
2.231	-2.500	14.60300	5.96170	-.99518	2.41430	.02337	.02200	.02376	147.30000	4.48570	.02508
2.230	-2.300	14.60700	5.96180	-.99555	2.41450	.02362	.02203	.02381	147.33000	4.48620	.02512
2.233	-2.100	14.61000	5.96190	-.99599	2.41330	.02375	.02210	.02379	147.27000	4.48380	.02515
2.239	-1.900	14.61400	5.96200	-.99640	2.41260	.02377	.02211	.02383	147.24000	4.48260	.02512
2.234	-1.700	14.61900	5.96210	-.99692	2.41210	.02388	.02217	.02384	147.22000	4.48160	.02512
2.231	-1.500	14.62100	5.96230	-.99732	2.41320	.02398	.02220	.02393	147.30000	4.48370	.02513
2.228	-1.300	14.62700	5.96240	-.99790	2.41350	.02409	.02216	.02400	147.33000	4.48420	.02514
2.225	-1.100	14.63100	5.96250	-.99840	2.41380	.02413	.02217	.02405	147.36000	4.48490	.02514
2.224	-.900	14.63600	5.96260	-.99895	2.41330	.02415	.02218	.02410	147.34000	4.48390	.02512
2.229	-.700	14.64100	5.96270	-.99960	2.41330	.02409	.02215	.02388	147.35000	4.48380	.02505
2.233	-.500	14.64500	5.96290	-.100010	2.41330	.02404	.02214	.02369	147.36000	4.48390	.02495
2.241	-.300	14.65100	5.96300	-.100080	2.41420	.02401	.02222	.02358	147.43000	4.48550	.02497
2.241	-.100	14.65500	5.96310	-.100150	2.41350	.02378	.02229	.02347	147.40000	4.48430	.02498
2.235	.100	14.66000	5.96320	-.100210	2.41360	.02331	.02234	.02345	147.42000	4.48440	.02506
2.233	.300	14.66200	5.96330	-.100260	2.41410	.02291	.02239	.02333	147.46000	4.48530	.02509
2.236	.500	14.66700	5.96350	-.100330	2.41430	.02292	.02238	.02337	147.49000	4.48580	.02511
2.239	.700	14.67100	5.96360	-.100390	2.41460	.02312	.02241	.02345	147.52000	4.48630	.02515
2.243	.900	14.67400	5.96370	-.100450	2.41510	.02329	.02252	.02356	147.56000	4.48720	.02525
2.247	1.100	14.67700	5.96380	-.100510	2.41510	.02337	.02265	.02367	147.57000	4.48720	.02533
2.248	1.300	14.68100	5.96390	-.100580	2.41510	.02352	.02288	.02380	147.58000	4.48720	.02545
2.244	1.500	14.68500	5.96410	-.100640	2.41500	.02360	.02312	.02400	147.59000	4.48700	.02567
2.240	1.700	14.68800	5.96420	-.100710	2.41650	.02369	.02340	.02431	147.70000	4.48980	.02586
2.235	1.900	14.69000	5.96430	-.100760	2.41720	.02388	.02366	.02459	147.75000	4.49100	.02608
2.231	2.100	14.69500	5.96440	-.100830	2.41790	.02411	.02390	.02489	147.80000	4.49230	.02637
2.230	2.300	14.69900	5.96450	-.100900	2.41850	.02443	.02408	.02521	147.85000	4.49340	.02659
2.233	2.500	14.70300	5.96470	-.100980	2.41970	.02475	.02423	.02540	147.94000	4.49570	.02680
2.237	2.700	14.70600	5.96480	-.101050	2.42110	.02503	.02432	.02546	148.04000	4.49830	.02700
2.239	2.900	14.71000	5.96490	-.101120	2.42140	.02527	.02431	.02550	148.07000	4.49890	.02706
2.240	3.100	14.71400	5.96500	-.101190	2.42320	.02540	.02434	.02553	148.19000	4.50220	.02710
2.245	3.300	14.71700	5.96510	-.101260	2.42580	.02551	.02423	.02545	148.36000	4.50700	.02707
2.246	3.500	14.72000	5.96520	-.101290	2.42620	.02554	.02420	.02550	148.38000	4.50770	.02707
GRADIENT	.02114	.00057	-.00314	.00069	-.00134	.00025	-.00033	.10857	.00129	.00018	

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(S7E067) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 275/ O RN/L = 7.58 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.629	-4.313	14.33100	5.94220	-.93324	7.11160	.05949	.05599	.04967	428.08000	13.21400	.06342
7.642	-4.200	14.34000	5.94230	-.93434	7.13110	.05953	.05604	.04967	429.28000	13.25000	.06345
7.646	-4.000	14.34100	5.94240	-.93535	7.12820	.05980	.05628	.04988	429.13000	13.24500	.06369
7.646	-3.800	14.34100	5.94250	-.93656	7.12130	.06019	.05671	.05011	428.74000	13.23200	.06416
7.647	-3.600	14.34600	5.94260	-.93776	7.13160	.06007	.05711	.05037	429.39000	13.25100	.06464
7.630	-3.400	14.34600	5.94270	-.93909	7.12320	.05981	.05737	.05055	428.91000	13.23600	.06485
7.634	-3.200	14.35000	5.94280	-.94031	7.13410	.05967	.05754	.05050	429.59000	13.25600	.06478
7.630	-3.000	14.35500	5.94290	-.94178	7.13750	.05978	.05793	.05050	429.83000	13.26200	.06483
7.641	-2.800	14.35700	5.94290	-.94292	7.14890	.06022	.05846	.05079	430.54000	13.28300	.06511
7.638	-2.600	14.36100	5.94300	-.94435	7.15300	.06080	.05887	.05120	430.81000	13.29100	.06542
7.640	-2.400	14.36200	5.94310	-.94558	7.15730	.06124	.05911	.05153	431.10000	13.29900	.06564
7.652	-2.200	14.36700	5.94320	-.94714	7.16540	.06157	.05924	.05178	431.62000	13.31400	.06576
7.654	-2.000	14.37200	5.94330	-.94846	7.16350	.06181	.05933	.05205	431.53000	13.31100	.06585
7.646	-1.800	14.37700	5.94340	-.95008	7.16040	.06187	.05952	.05217	431.37000	13.30500	.06592
7.647	-1.600	14.38200	5.94350	-.95155	7.16730	.06203	.05983	.05216	431.82000	13.31800	.06603
7.637	-1.400	14.38600	5.94360	-.95306	7.15560	.06205	.06023	.05207	431.14000	13.29600	.06616
7.607	-1.200	14.38800	5.94370	-.95475	7.11500	.06156	.06055	.05182	428.72000	13.22000	.06619
7.602	-1.000	14.39000	5.94380	-.95601	7.11140	.06085	.06077	.05159	428.53000	13.21400	.06616
7.606	-.800	14.39300	5.94390	-.95751	7.11520	.06073	.06117	.05159	428.79000	13.22100	.06622
7.598	-.600	14.39800	5.94400	-.95910	7.11300	.06127	.06184	.05186	428.68000	13.21700	.06655
7.598	-.400	14.40000	5.94410	-.96057	7.12080	.06173	.06256	.05242	429.18000	13.23100	.06713
7.586	-.200	14.40400	5.94420	-.96203	7.11810	.06193	.06330	.05316	429.05000	13.22600	.06778
7.577	.000	14.40600	5.94430	-.96357	7.11750	.06228	.06407	.05397	429.04000	13.22500	.06850
7.551	.200	14.40800	5.94430	-.96528	7.08810	.06294	.06468	.05450	427.29000	13.17000	.06877
7.540	.400	14.40900	5.94440	-.96670	7.07150	.06370	.06503	.05453	426.32000	13.14000	.06881
7.522	.600	14.41100	5.94450	-.96830	7.05180	.06422	.06509	.05451	425.16000	13.10300	.06877
7.518	.800	14.41500	5.94460	-.96988	7.04880	.06454	.06508	.05443	425.01000	13.09700	.06868
7.535	1.000	14.42400	5.94470	-.97164	7.07530	.06469	.06504	.05435	426.63000	13.14700	.06859
7.525	1.200	14.42600	5.94480	-.97331	7.06940	.06492	.06501	.05441	426.30000	13.13600	.06849
7.501	1.400	14.43100	5.94490	-.97497	7.05570	.06530	.06515	.05453	425.51000	13.11000	.06852
7.513	1.600	14.43200	5.94500	-.97638	7.06120	.06574	.06528	.05475	425.86000	13.12000	.06856
7.509	1.800	14.43700	5.94510	-.97791	7.06510	.06646	.06561	.05510	426.12000	13.12800	.06869
7.520	2.000	14.44200	5.94520	-.97963	7.08030	.06729	.06599	.05557	427.07000	13.15600	.06906
7.514	2.200	14.44500	5.94530	-.98126	7.07350	.06816	.06632	.05585	426.69000	13.14300	.06941
7.524	2.400	14.44900	5.94540	-.98282	7.08620	.06902	.06651	.05611	427.48000	13.16700	.06969
7.530	2.600	14.45100	5.94550	-.98448	7.09170	.06978	.06642	.05616	427.84000	13.17700	.06982
7.529	2.800	14.45600	5.94560	-.98620	7.08930	.07053	.06614	.05590	427.73000	13.17300	.06981
7.531	3.000	14.45900	5.94570	-.98779	7.09920	.07135	.06676	.05567	428.35000	13.19100	.06988
7.529	3.200	14.46300	5.94580	-.98971	7.10190	.07215	.06561	.05528	428.54000	13.19600	.07025
7.529	3.400	14.46700	5.94580	-.99128	7.09640	.07284	.06563	.05511	428.24000	13.18600	.07077
7.538	3.600	14.47000	5.94590	-.99306	7.09660	.07327	.06569	.05488	428.28000	13.18600	.07136
7.539	3.800	14.47500	5.94600	-.99487	7.09570	.07358	.06564	.05464	428.25000	13.18400	.07180

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DA257 (LARC 20-M6-6559) DV102

(S7E067) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 275/ 0 RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.513	4.000	14.47400	5.94610	-.99638	7.07720	.07406	.06542	.05456	427.17000	13.15000	.07219
	GRADIENT	.01089	.00039	-.00770	-.05575	.00247	.00287	.00241	-3.22143	-.10357	.00196

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102

(S7E167) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2289/ 0 RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.236	-4.200	14.58800	5.96070	-.99321	2.41440	.02212	.02089	.02302	147.21000	4.48590	.02410
2.234	-4.000	14.58600	5.96080	-.99326	2.41480	.02208	.02087	.02297	147.25000	4.48670	.02403
2.233	-3.800	14.58600	5.96090	-.99319	2.41430	.02206	.02090	.02291	147.23000	4.48580	.02401
2.229	-3.600	14.58700	5.96100	-.99336	2.41420	.02214	.02097	.02290	147.23000	4.48550	.02409
2.231	-3.400	14.58800	5.96120	-.99360	2.41380	.02229	.02114	.02295	147.22000	4.48490	.02424
2.236	-3.200	14.59200	5.96130	-.99394	2.41460	.02248	.02137	.02314	147.28000	4.48630	.02448
2.234	-3.000	14.59500	5.96140	-.99428	2.41340	.02267	.02163	.02333	147.22000	4.48410	.02470
2.238	-2.800	14.59600	5.96150	-.99447	2.41380	.02290	.02179	.02352	147.26000	4.48480	.02489
2.235	-2.600	14.60200	5.96160	-.99501	2.41450	.02320	.02194	.02368	147.31000	4.48610	.02506
2.230	-2.400	14.60500	5.96170	-.99537	2.41460	.02350	.02204	.02380	147.33000	4.48620	.02508
2.232	-2.200	14.60800	5.96190	-.99577	2.41360	.02367	.02210	.02383	147.28000	4.48440	.02516
2.235	-2.000	14.61200	5.96200	-.99622	2.41250	.02377	.02211	.02383	147.23000	4.48240	.02513
2.238	-1.800	14.61700	5.96210	-.99664	2.41220	.02380	.02215	.02379	147.22000	4.48190	.02508
2.232	-1.600	14.61900	5.96220	-.99708	2.41300	.02393	.02217	.02387	147.28000	4.48330	.02510
2.228	-1.400	14.62200	5.96230	-.99748	2.41260	.02404	.02219	.02399	147.27000	4.48260	.02514
2.227	-1.200	14.63100	5.96240	-.99826	2.41410	.02411	.02218	.02405	147.37000	4.48540	.02516
2.223	-1.000	14.63300	5.96260	-.99863	2.41310	.02414	.02218	.02407	147.32000	4.48340	.02514
2.226	-.800	14.63800	5.96270	-.99923	2.41390	.02410	.02210	.02402	147.38000	4.48500	.02508
2.232	-.600	14.64100	5.96280	-.99972	2.41370	.02410	.02213	.02381	147.39000	4.48470	.02498
2.236	-.400	14.64700	5.96290	-1.00040	2.41380	.02403	.02218	.02362	147.40000	4.48490	.02494
2.243	-.200	14.65200	5.96300	-1.00100	2.41380	.02393	.02227	.02350	147.42000	4.48490	.02496
2.239	.000	14.65800	5.96320	-1.00180	2.41360	.02358	.02232	.02346	147.41000	4.48440	.02502
2.233	.200	14.66200	5.96330	-1.00240	2.41350	.02311	.02235	.02344	147.42000	4.48430	.02508
2.234	.400	14.66300	5.96340	-1.00290	2.41400	.02288	.02239	.02337	147.46000	4.48510	.02511
2.239	.600	14.66900	5.96350	-1.00360	2.41510	.02300	.02236	.02345	147.54000	4.48710	.02510
2.240	.800	14.67200	5.96360	-1.00420	2.41470	.02319	.02244	.02346	147.53000	4.48640	.02521
2.246	1.000	14.67500	5.96380	-1.00480	2.41500	.02333	.02258	.02366	147.56000	4.48710	.02530
2.248	1.200	14.67900	5.96390	-1.00550	2.41480	.02347	.02275	.02370	147.56000	4.48670	.02540
2.247	1.400	14.68200	5.96400	-1.00600	2.41500	.02355	.02301	.02388	147.58000	4.48700	.02556
2.242	1.600	14.68700	5.96410	-1.00670	2.41560	.02364	.02324	.02412	147.64000	4.48820	.02578
2.237	1.800	14.69000	5.96420	-1.00740	2.41680	.02378	.02353	.02446	147.72000	4.49030	.02598
2.233	2.000	14.69400	5.96440	-1.00800	2.41750	.02395	.02381	.02477	147.78000	4.49170	.02620
2.230	2.200	14.69700	5.96450	-1.00870	2.41810	.02427	.02405	.02507	147.82000	4.49270	.02647
2.232	2.400	14.70100	5.96460	-1.00940	2.41950	.02460	.02421	.02531	147.92000	4.49540	.02670
2.235	2.600	14.70500	5.96470	-1.01010	2.42020	.02490	.02427	.02543	147.97000	4.49660	.02690
2.237	2.800	14.70800	5.96480	-1.01080	2.42080	.02516	.02433	.02550	148.03000	4.49780	.02705
2.239	3.000	14.71300	5.96500	-1.01160	2.42210	.02535	.02432	.02548	148.12000	4.50020	.02708
2.242	3.200	14.71500	5.96510	-1.01230	2.42450	.02547	.02427	.02548	148.28000	4.50470	.02707
2.246	3.400	14.71900	5.96510	-1.01280	2.42610	.02552	.02421	.02547	148.38000	4.50760	.02707
2.246	3.568	14.72100	5.96520	-1.01300	2.42620	.02554	.02420	.02552	148.39000	4.50780	.02707
	GRADIENT	.02250	.00061	-.00322	.00077	-.00114	.00022	-.00029	.10179	.00125	.00014

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DA257 (LARC 20-M6-6559) OV102

(S7E167) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2275/ O RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.633	-4.300	14.33400	5.94220	-.93350	7.11550	.05948	.05600	.04967	428.31000	13.22100	.06341
7.630	-4.100	14.34100	5.94230	-.93495	7.12100	.05964	.05615	.04979	428.68000	13.23200	.06354
7.651	-3.900	14.34100	5.94240	-.93589	7.12690	.06002	.05649	.05002	429.06000	13.24200	.06391
7.649	-3.700	14.34200	5.94250	-.93710	7.12650	.06020	.05694	.05026	429.06000	13.24200	.06441
7.644	-3.500	14.34600	5.94260	-.93845	7.13420	.05994	.05727	.05053	429.56000	13.25600	.06478
7.631	-3.300	14.34800	5.94270	-.93973	7.12570	.05971	.05748	.05051	429.07000	13.24000	.06482
7.625	-3.100	14.35200	5.94280	-.94100	7.13070	.05970	.05773	.05042	429.40000	13.25000	.06480
7.638	-2.900	14.35700	5.94290	-.94241	7.14260	.05997	.05818	.05058	430.15000	13.27200	.06494
7.637	-2.700	14.35900	5.94300	-.94370	7.14980	.06051	.05870	.05105	430.61000	13.28500	.06528
7.639	-2.500	14.36000	5.94310	-.94487	7.15650	.06106	.05902	.05139	431.04000	13.29800	.06557
7.644	-2.300	14.36500	5.94320	-.94634	7.16150	.06142	.05916	.05167	431.37000	13.30700	.06572
7.654	-2.100	14.37100	5.94330	-.94791	7.16460	.06170	.05929	.05188	431.58000	13.31300	.06582
7.653	-1.900	14.37300	5.94340	-.94915	7.16530	.06186	.05940	.05211	431.65000	13.31400	.06587
7.655	-1.700	14.38000	5.94350	-.95087	7.17130	.06193	.05967	.05218	432.04000	13.32500	.06597
7.642	-1.500	14.38400	5.94360	-.95237	7.16310	.06207	.06004	.05213	431.57000	13.31000	.06608
7.620	-1.300	14.38700	5.94360	-.95390	7.13530	.06190	.06042	.05198	429.93000	13.25800	.06621
7.610	-1.100	14.38800	5.94370	-.95538	7.11270	.06113	.06065	.05166	428.60000	13.21600	.06617
7.598	-.900	14.39300	5.94380	-.95691	7.10900	.06068	.06092	.05159	428.40000	13.20900	.06616
7.601	-.700	14.39500	5.94390	-.95826	7.11500	.06094	.06146	.05166	428.79000	13.22000	.06635
7.598	-.500	14.39800	5.94400	-.95979	7.11680	.06154	.06223	.05221	428.92000	13.22400	.06684
7.590	-.300	14.40200	5.94410	-.96129	7.11730	.06184	.06294	.05275	428.98000	13.22500	.06744
7.590	-.100	14.40500	5.94420	-.96277	7.12480	.06207	.06366	.05360	429.46000	13.23900	.06815
7.562	.100	14.40700	5.94430	-.96444	7.10080	.06260	.06438	.05436	428.05000	13.19400	.06869
7.547	.300	14.40800	5.94440	-.96600	7.07990	.06333	.06490	.05450	426.81000	13.15500	.06880
7.526	.500	14.41000	5.94450	-.96751	7.05700	.06402	.06508	.05454	425.46000	13.11300	.06883
7.508	.700	14.41300	5.94460	-.96913	7.04130	.06444	.06510	.05447	424.54000	13.08300	.06875
7.541	.900	14.41800	5.94470	-.97062	7.07230	.06460	.06505	.05440	426.44000	13.14100	.06862
7.518	1.100	14.42200	5.94480	-.97238	7.06210	.06479	.06501	.05435	425.85000	13.12200	.06853
7.520	1.300	14.42900	5.94490	-.97422	7.07070	.06506	.06507	.05447	426.40000	13.13800	.06849
7.498	1.500	14.43200	5.94500	-.97574	7.04820	.06551	.06523	.05464	425.06000	13.09600	.06851
7.510	1.700	14.43300	5.94500	-.97706	7.06200	.06607	.06542	.05492	425.93000	13.12200	.06860
7.518	1.900	14.43900	5.94510	-.97881	7.07540	.06685	.06580	.05531	426.76000	13.14700	.06883
7.509	2.100	14.44200	5.94520	-.98033	7.07160	.06773	.06620	.05571	426.56000	13.14000	.06927
7.524	2.300	14.44500	5.94530	-.98193	7.08310	.06859	.06643	.05598	427.28000	13.16100	.06954
7.521	2.500	14.44900	5.94540	-.98356	7.08610	.06941	.06651	.05612	427.49000	13.16700	.06978
7.530	2.700	14.45200	5.94550	-.98535	7.08730	.07016	.06632	.05606	427.59000	13.16900	.06981
7.528	2.900	14.45700	5.94560	-.98695	7.09490	.07096	.06590	.05580	428.08000	13.18300	.06979
7.528	3.100	14.46000	5.94570	-.98871	7.09900	.07177	.06566	.05548	428.36000	13.19100	.07003
7.529	3.300	14.46800	5.94580	-.99067	7.10180	.07256	.06560	.05517	428.55000	13.19600	.07052
7.529	3.500	14.46600	5.94590	-.99207	7.09060	.07310	.06567	.05497	427.90000	13.17500	.07112
7.542	3.700	14.47100	5.94600	-.99393	7.09750	.07339	.06570	.05477	428.35000	13.18800	.07159
7.528	3.900	14.47600	5.94610	-.99581	7.08890	.07378	.06553	.05459	427.86000	13.17200	.07197

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OA257 (LARC 20-M6-6559) OV102

(S7E167) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2275/ 0 RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L 7.495	BETA 4.043	ALPHA 14.47000	MACH 5.94620	PHI .99648	Q 7.06130	BP1 .07429	BP2 .06523	BP3 .05465	PT1 426.22000	PT2 13.12100	PSC .07230
	GRADIENT	.01143	.00050	-.00777	-.06217	.00249	.00298	.00252	-3.60286	-.11571	.00208

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OA257 (LARC 20-M6-6559) OV102

(S7E068) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 288/ O RN/L = 2.28 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.274	-4.357	17.08500	5.95850	-1.15670	2.44970	.02255	.02157	.02298	149.14000	4.55160	.02433
2.276	-4.200	17.09400	5.95870	-1.15730	2.45010	.02243	.02149	.02280	149.18000	4.55230	.02420
2.275	-4.000	17.09300	5.95880	-1.15730	2.45020	.02240	.02151	.02278	149.20000	4.55250	.02415
2.280	-3.800	17.09500	5.95890	-1.15760	2.45130	.02251	.02159	.02281	149.28000	4.55460	.02422
2.280	-3.600	17.09600	5.95900	-1.15780	2.45170	.02270	.02173	.02303	149.31000	4.55530	.02446
2.277	-3.400	17.09900	5.95920	-1.15820	2.45130	.02290	.02189	.02333	149.30000	4.55440	.02470
2.272	-3.200	17.10200	5.95930	-1.15850	2.45260	.02311	.02202	.02366	149.39000	4.55680	.02502
2.273	-3.000	17.10500	5.95940	-1.15890	2.45260	.02331	.02213	.02393	149.40000	4.55690	.02524
2.273	-2.800	17.11100	5.95950	-1.15940	2.45360	.02345	.02216	.02414	149.48000	4.55880	.02543
2.273	-2.600	17.11500	5.95960	-1.16000	2.45510	.02361	.02218	.02428	149.58000	4.56150	.02565
2.280	-2.400	17.11400	5.95970	-1.16020	2.45370	.02375	.02222	.02445	149.51000	4.55910	.02583
2.283	-2.200	17.11900	5.95990	-1.16070	2.45270	.02386	.02213	.02454	149.46000	4.55720	.02600
2.278	-2.000	17.12200	5.96000	-1.16120	2.45230	.02392	.02212	.02468	149.45000	4.55640	.02616
2.275	-1.800	17.12600	5.96010	-1.16160	2.45220	.02397	.02217	.02475	149.45000	4.55620	.02629
2.274	-1.600	17.12900	5.96020	-1.16210	2.45210	.02401	.02223	.02474	149.46000	4.55600	.02646
2.278	-1.400	17.13400	5.96030	-1.16270	2.45240	.02402	.02236	.02477	149.49000	4.55660	.02657
2.279	-1.200	17.14100	5.96050	-1.16350	2.45300	.02411	.02252	.02480	149.54000	4.55760	.02670
2.272	-1.000	17.14300	5.96060	-1.16390	2.45350	.02418	.02267	.02490	149.58000	4.55850	.02687
2.274	-.800	17.14300	5.96070	-1.16420	2.45390	.02419	.02281	.02508	149.62000	4.55930	.02708
2.275	-.600	17.15000	5.96080	-1.16490	2.45540	.02412	.02300	.02535	149.72000	4.56220	.02735
2.282	-.400	17.15200	5.96090	-1.16550	2.45480	.02410	.02321	.02552	149.70000	4.56100	.02759
2.283	-.200	17.15700	5.96100	-1.16620	2.45510	.02413	.02330	.02558	149.73000	4.56150	.02768
2.279	.000	17.16200	5.96120	-1.16700	2.45500	.02441	.02335	.02553	149.74000	4.56140	.02772
2.277	.200	17.16600	5.96130	-1.16770	2.45550	.02495	.02350	.02555	149.78000	4.56230	.02777
2.273	.400	17.17300	5.96140	-1.16860	2.45450	.02542	.02362	.02562	149.73000	4.56040	.02784
2.272	.600	17.17600	5.96150	-1.16930	2.45550	.02583	.02378	.02565	149.80000	4.56220	.02798
2.274	.800	17.18300	5.96160	-1.17010	2.45470	.02618	.02396	.02571	149.77000	4.56090	.02812
2.281	1.000	17.18500	5.96180	-1.17070	2.45590	.02639	.02408	.02576	149.85000	4.56300	.02823
2.286	1.200	17.19000	5.96190	-1.17140	2.45500	.02654	.02413	.02586	149.81000	4.56140	.02828
2.285	1.400	17.19300	5.96200	-1.17210	2.45530	.02669	.02421	.02594	149.84000	4.56180	.02838
2.283	1.600	17.20100	5.96210	-1.17310	2.45440	.02686	.02422	.02597	149.80000	4.56020	.02841
2.286	1.800	17.20400	5.96220	-1.17390	2.45530	.02700	.02428	.02596	149.86000	4.56180	.02848
2.292	2.000	17.20900	5.96240	-1.17470	2.45570	.02726	.02438	.02599	149.90000	4.56270	.02857
2.289	2.200	17.21400	5.96250	-1.17560	2.45600	.02745	.02454	.02602	149.93000	4.56310	.02869
2.287	2.400	17.22000	5.96260	-1.17650	2.45460	.02756	.02472	.02602	149.86000	4.56060	.02879
2.284	2.600	17.22400	5.96270	-1.17730	2.45470	.02751	.02483	.02601	149.88000	4.56080	.02879
2.287	2.800	17.22900	5.96280	-1.17820	2.45490	.02745	.02481	.02599	149.91000	4.56120	.02873
2.292	3.000	17.23600	5.96300	-1.17920	2.45570	.02738	.02466	.02584	149.96000	4.56260	.02846
2.292	3.200	17.24000	5.96310	-1.18010	2.45560	.02715	.02440	.02565	149.97000	4.56250	.02819
2.289	3.400	17.24300	5.96320	-1.18080	2.45610	.02697	.02420	.02561	150.01000	4.56340	.02801
2.283	3.600	17.24900	5.96330	-1.18180	2.45540	.02679	.02401	.02548	149.98000	4.56200	.02775
2.280	3.736	17.25700	5.96330	-1.18240	2.45350	.02674	.02398	.02531	149.87000	4.55860	.02770
GRADIENT	.02304	.00061	-.00373	.00002	.00154	.00060	.00020	.06250	-.00007	.00044	

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OA257 (LARC 20-M6-6559) OV102

(S7E068) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 270/ O RN/L = 7.57 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.586	-4.359	16.79800	5.94240	-1.08640	7.01520	.06046	.05758	.05027	422.32000	13.03500	.06356
7.600	-4.200	16.80700	5.94250	-1.08790	7.02530	.06048	.05756	.05028	422.98000	13.05400	.06366
7.611	-4.000	16.80600	5.94270	-1.08880	7.04040	.06074	.05753	.05078	423.93000	13.08200	.06429
7.591	-3.800	16.80800	5.94290	-1.09030	7.02610	.06112	.05749	.05148	423.12000	13.05500	.06494
7.593	-3.600	16.81300	5.94300	-1.09190	7.02960	.06151	.05748	.05196	423.37000	13.06200	.06535
7.610	-3.400	16.81500	5.94320	-1.09310	7.04980	.06194	.05774	.05234	424.63000	13.09900	.06562
7.605	-3.200	16.81700	5.94330	-1.09470	7.04520	.06239	.05807	.05275	424.40000	13.09100	.06602
7.604	-3.000	16.82100	5.94350	-1.09630	7.03900	.06273	.05827	.05321	424.08000	13.07900	.06629
7.611	-2.800	16.82200	5.94360	-1.09790	7.02260	.06301	.05844	.05370	423.13000	13.04900	.06665
7.617	-2.600	16.82900	5.94380	-1.09960	7.03350	.06315	.05846	.05407	423.83000	13.06900	.06685
7.592	-2.400	16.83400	5.94390	-1.10130	7.02840	.06319	.05841	.05445	423.57000	13.05900	.06704
7.596	-2.200	16.83800	5.94410	-1.10290	7.03510	.06314	.05833	.05459	424.02000	13.07200	.06710
7.578	-2.000	16.84100	5.94420	-1.10460	7.02180	.06309	.05825	.05479	423.27000	13.04700	.06717
7.583	-1.800	16.84600	5.94440	-1.10640	7.02530	.06301	.05828	.05484	423.52000	13.05400	.06713
7.566	-1.600	16.84800	5.94450	-1.10790	7.00100	.06297	.05839	.05477	422.10000	13.00900	.06684
7.571	-1.400	16.85000	5.94470	-1.10960	6.99520	.06298	.05853	.05454	421.80000	12.99800	.06639
7.575	-1.200	16.85900	5.94490	-1.11140	7.00470	.06330	.05893	.05462	422.42000	13.01500	.06631
7.573	-1.000	16.86300	5.94500	-1.11320	6.99840	.06380	.05969	.05495	422.08000	13.00400	.06661
7.579	-.800	16.86700	5.94520	-1.11480	6.99520	.06445	.06051	.05545	421.93000	12.99800	.06705
7.567	-.600	16.87300	5.94530	-1.11670	6.99550	.06506	.06123	.05586	421.99000	12.99800	.06755
7.567	-.400	16.87900	5.94550	-1.11870	7.00360	.06577	.06184	.05640	422.53000	13.01300	.06817
7.574	-.200	16.88300	5.94560	-1.12050	7.00310	.06649	.06238	.05689	422.54000	13.01200	.06890
7.578	.000	16.88800	5.94580	-1.12230	6.99580	.06711	.06284	.05726	422.15000	12.99900	.06943
7.567	.200	16.89400	5.94590	-1.12420	6.99300	.06729	.06313	.05748	422.03000	12.99400	.06976
7.573	.400	16.89800	5.94610	-1.12610	6.99230	.06712	.06330	.05761	422.03000	12.99200	.06995
7.558	.600	16.89800	5.94630	-1.12760	6.98070	.06660	.06333	.05757	421.38000	12.97100	.07004
7.552	.800	16.90200	5.94640	-1.12950	6.98320	.06589	.06322	.05743	421.57000	12.97500	.07010
7.538	1.000	16.90500	5.94660	-1.13120	6.97660	.06511	.06299	.05712	421.22000	12.96300	.07013
7.536	1.200	16.90700	5.94670	-1.13300	6.97660	.06447	.06279	.05661	421.27000	12.96300	.07006
7.555	1.400	16.91100	5.94690	-1.13480	6.98350	.06416	.06271	.05605	421.73000	12.97600	.06995
7.543	1.600	16.91800	5.94700	-1.13660	6.98190	.06423	.06274	.05560	421.68000	12.97300	.06978
7.544	1.800	16.92000	5.94720	-1.13840	6.97980	.06470	.06280	.05523	421.59000	12.96900	.06961
7.533	2.000	16.92400	5.94730	-1.14030	6.97190	.06597	.06307	.05529	421.16000	12.95400	.06971
7.545	2.200	16.92800	5.94750	-1.14220	6.97870	.06746	.06333	.05568	421.62000	12.96700	.06981
7.551	2.400	16.93200	5.94770	-1.14400	6.98240	.06901	.06356	.05603	421.89000	12.97400	.06976
7.550	2.600	16.93600	5.94780	-1.14600	6.98460	.07002	.06362	.05632	422.07000	12.97800	.06975
7.533	2.800	16.93900	5.94800	-1.14780	6.97270	.07064	.06359	.05657	421.40000	12.95600	.06984
7.534	3.000	16.94200	5.94810	-1.14970	6.96970	.07106	.06364	.05661	421.26000	12.95000	.07004
7.533	3.200	16.94900	5.94830	-1.15170	6.96840	.07149	.06375	.05659	421.23000	12.94800	.07026
7.531	3.400	16.95100	5.94840	-1.15370	6.97060	.07203	.06398	.05632	421.41000	12.95200	.07041
7.537	3.600	16.95900	5.94860	-1.15580	6.97410	.07251	.06419	.05591	421.67000	12.95800	.07039
7.541	3.800	16.96300	5.94870	-1.15770	6.98070	.07283	.06444	.05563	422.10000	12.97100	.07032

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OA257 (LARC 20-M6-6559) DV102

(S7E068) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 17.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 270/0 RN/L = 7.57 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.544	3.976	16.96100	5.94890	-1.15920	6.97670	.07324	.06452	.05530	421.92000	12.96300	.07018
	GRADIENT	.02214	.00080	-.00914	-.01377	.00145	.00178	.00145	-.59643	-.02518	.00212

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0A257 (LARC 20-M6-6559) OV 102

(S7E168) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA	=	17.500	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2288/ O RN/L = 2.28 GRADIENT INTERVAL = -.60/.60

DATE 14 DEC 82

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0A257 (LARC 20-M6-6559) DV102

(S7E168) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2270/ 0 RN/L = 7.57 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.591	-4.300	16.80600	5.94250	-1.08720	7.02080	.06044	.05760	.05024	422.68000	13.04500	.06354
7.611	-4.100	16.80700	5.94260	-1.08840	7.03860	.06058	.05756	.05044	423.80000	13.07800	.06392
7.595	-3.900	16.80700	5.94280	-1.08950	7.02820	.06095	.05751	.05119	423.22000	13.05900	.06467
7.591	-3.700	16.81200	5.94290	-1.09120	7.02730	.06130	.05747	.05172	423.21000	13.05700	.06520
7.606	-3.500	16.81400	5.94310	-1.09250	7.04280	.06170	.05755	.05218	424.19000	13.08600	.06546
7.607	-3.300	16.81700	5.94320	-1.09400	7.04770	.06216	.05791	.05252	424.53000	13.09500	.06582
7.599	-3.100	16.81700	5.94340	-1.09530	7.03730	.06258	.05819	.05295	423.95000	13.07600	.06616
7.606	-2.900	16.82100	5.94350	-1.09700	7.03130	.06287	.05836	.05344	423.63000	13.06500	.06652
7.619	-2.700	16.82500	5.94370	-1.09880	7.02540	.06308	.05844	.05389	423.32000	13.05400	.06675
7.611	-2.500	16.83000	5.94390	-1.10030	7.03830	.06318	.05846	.05433	424.15000	13.07800	.06697
7.585	-2.300	16.83200	5.94400	-1.10190	7.02400	.06319	.05837	.05454	423.33000	13.05100	.06707
7.590	-2.100	16.84000	5.94420	-1.10380	7.03150	.06313	.05827	.05472	423.83000	13.06500	.06713
7.579	-1.900	16.84400	5.94430	-1.10550	7.02170	.06301	.05824	.05481	423.28000	13.04700	.06709
7.569	-1.700	16.84600	5.94450	-1.10700	7.01000	.06301	.05834	.05486	422.62000	13.02500	.06703
7.575	-1.500	16.85000	5.94460	-1.10880	7.00180	.06293	.05844	.05464	422.17000	13.01000	.06660
7.573	-1.300	16.85500	5.94480	-1.11050	7.00010	.06313	.05871	.05454	422.11000	13.00700	.06631
7.575	-1.100	16.85900	5.94490	-1.11220	7.00520	.06352	.05930	.05482	422.47000	13.01600	.06646
7.576	-.900	16.86700	5.94510	-1.11410	6.99290	.06411	.06009	.05516	421.77000	12.99300	.06681
7.569	-.700	16.86800	5.94520	-1.11570	6.99280	.06477	.06090	.05566	421.81000	12.99300	.06728
7.571	-.500	16.87700	5.94540	-1.11780	7.00410	.06543	.06154	.05613	422.54000	13.01400	.06785
7.570	-.300	16.87900	5.94560	-1.11930	7.00400	.06612	.06212	.05664	422.57000	13.01400	.06854
7.582	-.100	16.88700	5.94570	-1.12150	6.99960	.06684	.06262	.05710	422.36000	13.00600	.06920
7.572	.100	16.89200	5.94590	-1.12330	6.99430	.06727	.06302	.05736	422.08000	12.99600	.06961
7.560	.300	16.89300	5.94600	-1.12500	6.98580	.06726	.06322	.05755	421.61000	12.98000	.06985
7.573	.500	16.89700	5.94620	-1.12690	6.99240	.06690	.06332	.05762	422.06000	12.99200	.06999
7.561	.700	16.89900	5.94630	-1.12850	6.98610	.06623	.06327	.05749	421.73000	12.98100	.07006
7.538	.900	16.90300	5.94650	-1.13030	6.97460	.06548	.06310	.05729	421.08000	12.95900	.07013
7.538	1.100	16.90500	5.94660	-1.13210	6.97850	.06477	.06288	.05683	421.36000	12.96700	.07009
7.548	1.300	16.90900	5.94680	-1.13390	6.98010	.06424	.06273	.05636	421.50000	12.97000	.06999
7.549	1.500	16.91600	5.94700	-1.13580	6.98420	.06415	.06271	.05582	421.79000	12.97700	.06986
7.540	1.700	16.92100	5.94710	-1.13750	6.97990	.06438	.06277	.05545	421.57000	12.96900	.06971
7.542	1.900	16.92200	5.94730	-1.13930	6.97880	.06520	.06293	.05516	421.56000	12.96700	.06957
7.537	2.100	16.92600	5.94740	-1.14130	6.97530	.06672	.06321	.05551	421.39000	12.96100	.06979
7.545	2.300	16.92900	5.94760	-1.14300	6.97700	.06826	.06345	.05584	421.54000	12.96400	.06980
7.547	2.500	16.93400	5.94770	-1.14490	6.98000	.06959	.06362	.05617	421.77000	12.96900	.06975
7.543	2.700	16.93500	5.94790	-1.14680	6.98060	.07037	.06359	.05648	421.85000	12.97000	.06980
7.535	2.900	16.94100	5.94810	-1.14880	6.97430	.07089	.06362	.05662	421.52000	12.95900	.06995
7.535	3.100	16.94700	5.94820	-1.15080	6.96870	.07125	.06368	.05661	421.23000	12.94800	.07014
7.533	3.300	16.95000	5.94840	-1.15270	6.97100	.07171	.06385	.05646	421.41000	12.95300	.07036
7.530	3.500	16.95600	5.94850	-1.15490	6.96780	.07229	.06411	.05608	421.26000	12.94700	.07041
7.544	3.700	16.96100	5.94870	-1.15680	6.98160	.07269	.06432	.05576	422.14000	12.97200	.07040
7.531	3.900	16.96400	5.94880	-1.15880	6.97160	.07308	.06450	.05548	421.58000	12.95400	.07022
	GRADIENT	.02100	.00077	-.00920	-.01691	.00160	.00181	.00149	-.79429	-.03171	.00215

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0A257 (LARC 20-M6-6559) OV102

(S7E069) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 284/0 RN/L = 2.26 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.262	-4.354	19.48800	5.95520	-1.31240	2.42670	.02325	.02118	.02383	147.39000	4.50880	.02477
2.260	-4.200	19.49300	5.95520	-1.31280	2.42720	.02323	.02115	.02377	147.43000	4.50980	.02468
2.261	-4.000	19.49100	5.95530	-1.31280	2.42840	.02321	.02112	.02375	147.51000	4.51210	.02470
2.267	-3.800	19.49400	5.95540	-1.31310	2.42910	.02325	.02113	.02372	147.56000	4.51330	.02475
2.269	-3.600	19.49800	5.95550	-1.31360	2.43030	.02340	.02115	.02380	147.64000	4.51560	.02490
2.267	-3.400	19.50300	5.95550	-1.31400	2.42960	.02373	.02154	.02407	147.61000	4.51430	.02516
2.266	-3.200	19.50800	5.95560	-1.31450	2.43010	.02413	.02214	.02459	147.64000	4.51510	.02569
2.265	-3.000	19.51200	5.95570	-1.31500	2.43100	.02442	.02270	.02507	147.70000	4.51680	.02613
2.267	-2.800	19.51500	5.95570	-1.31540	2.43130	.02461	.02316	.02544	147.73000	4.51740	.02649
2.263	-2.600	19.51500	5.95580	-1.31570	2.43120	.02479	.02353	.02560	147.73000	4.51730	.02678
2.260	-2.400	19.51600	5.95590	-1.31610	2.43140	.02484	.02374	.02579	147.75000	4.51760	.02699
2.261	-2.200	19.52100	5.95600	-1.31660	2.43050	.02485	.02386	.02595	147.71000	4.51600	.02714
2.261	-2.000	19.53500	5.95600	-1.31780	2.43180	.02498	.02386	.02603	147.79000	4.51830	.02734
2.264	-1.800	19.54000	5.95610	-1.31840	2.43280	.02509	.02383	.02604	147.86000	4.52020	.02743
2.270	-1.600	19.54100	5.95620	-1.31880	2.43330	.02514	.02383	.02598	147.90000	4.52120	.02749
2.268	-1.400	19.54300	5.95620	-1.31920	2.43360	.02515	.02383	.02594	147.92000	4.52170	.02745
2.262	-1.200	19.54500	5.95630	-1.31980	2.43280	.02515	.02380	.02598	147.88000	4.52010	.02746
2.258	-1.000	19.55600	5.95640	-1.32080	2.43150	.02526	.02386	.02601	147.81000	4.51780	.02738
2.264	-.800	19.56300	5.95650	-1.32160	2.43220	.02541	.02394	.02617	147.86000	4.51900	.02740
2.265	-.600	19.56700	5.95650	-1.32230	2.43250	.02551	.02400	.02641	147.88000	4.51950	.02746
2.267	-.400	19.57100	5.95660	-1.32290	2.43290	.02553	.02416	.02658	147.91000	4.52030	.02760
2.270	-.200	19.57200	5.95670	-1.32340	2.43390	.02554	.02423	.02666	147.99000	4.52230	.02775
2.269	.000	19.58100	5.95670	-1.32440	2.43400	.02564	.02432	.02684	148.00000	4.52240	.02794
2.265	.200	19.58700	5.95680	-1.32520	2.43310	.02590	.02450	.02699	147.95000	4.52070	.02820
2.264	.400	19.59300	5.95690	-1.32620	2.43300	.02623	.02462	.02717	147.95000	4.52050	.02851
2.266	.600	19.59700	5.95700	-1.32690	2.43380	.02651	.02468	.02731	148.01000	4.52200	.02876
2.261	.800	19.60100	5.95700	-1.32770	2.43380	.02677	.02462	.02741	148.01000	4.52200	.02883
2.260	1.000	19.60400	5.95710	-1.32840	2.43430	.02709	.02448	.02735	148.05000	4.52300	.02887
2.261	1.200	19.61000	5.95720	-1.32930	2.43470	.02744	.02426	.02740	148.09000	4.52380	.02888
2.260	1.400	19.61500	5.95720	-1.33030	2.43420	.02769	.02415	.02746	148.06000	4.52270	.02896
2.261	1.600	19.62200	5.95730	-1.33130	2.43320	.02793	.02403	.02754	148.01000	4.52090	.02912
2.258	1.800	19.62600	5.95740	-1.33210	2.43360	.02801	.02395	.02762	148.04000	4.52170	.02921
2.259	2.000	19.62900	5.95750	-1.33290	2.43390	.02798	.02392	.02754	148.07000	4.52220	.02928
2.257	2.200	19.63400	5.95750	-1.33380	2.43430	.02785	.02376	.02748	148.10000	4.52300	.02928
2.254	2.400	19.63800	5.95760	-1.33480	2.43360	.02773	.02359	.02729	148.06000	4.52160	.02919
2.251	2.600	19.64700	5.95770	-1.33610	2.43290	.02755	.02344	.02713	148.03000	4.52040	.02906
2.251	2.800	19.65400	5.95780	-1.33720	2.43260	.02739	.02317	.02694	148.02000	4.51990	.02888
2.253	3.000	19.65600	5.95780	-1.33810	2.43270	.02712	.02274	.02668	148.03000	4.52010	.02859
2.253	3.200	19.65800	5.95790	-1.33900	2.43230	.02698	.02240	.02630	148.01000	4.51920	.02834
2.252	3.400	19.66100	5.95800	-1.34000	2.43320	.02697	.02200	.02583	148.08000	4.52090	.02802
2.254	3.600	19.66900	5.95810	-1.34120	2.43230	.02696	.02172	.02552	148.03000	4.51930	.02767
2.261	3.800	19.67500	5.95810	-1.34220	2.43270	.02691	.02151	.02520	148.06000	4.52000	.02737
GRADIENT	.02661	.00039	-.00396	.00059	.00085	.00058	.00075	.07679	.00113	.00110	

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OA257 (LARC 20-M6-6559) OV102

(S7E069) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 269/ O RN/L = 7.62 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.644	-4.510	19.23800	5.94620	-1.23290	7.08200	.06265	.05935	.04943	427.47000	13.15900	.06339
7.636	-4.400	19.24500	5.94630	-1.23420	7.07570	.06266	.05938	.04945	427.12000	13.14700	.06339
7.625	-4.200	19.24600	5.94640	-1.23580	7.06540	.06258	.05951	.04952	426.53000	13.12800	.06342
7.636	-4.000	19.24500	5.94650	-1.23740	7.06460	.06255	.05982	.04968	426.52000	13.12700	.06351
7.641	-3.800	19.24900	5.94660	-1.23890	7.06820	.06267	.06035	.05000	426.77000	13.13300	.06369
7.611	-3.600	19.25100	5.94670	-1.24090	7.04530	.06297	.06094	.05040	425.42000	13.09100	.06394
7.620	-3.400	19.25300	5.94680	-1.24240	7.05930	.06356	.06156	.05096	426.29000	13.11700	.06431
7.607	-3.200	19.25800	5.94690	-1.24440	7.03860	.06434	.06220	.05153	425.08000	13.07800	.06478
7.610	-3.000	19.26400	5.94710	-1.24620	7.04580	.06520	.06285	.05227	425.55000	13.09200	.06541
7.605	-2.800	19.27200	5.94720	-1.24830	7.04640	.06609	.06336	.05289	425.61000	13.09300	.06606
7.603	-2.600	19.27700	5.94730	-1.25000	7.04540	.06689	.06379	.05346	425.58000	13.09100	.06671
7.604	-2.400	19.28400	5.94740	-1.25190	7.05280	.06755	.06397	.05373	426.07000	13.10500	.06723
7.610	-2.200	19.28800	5.94750	-1.25380	7.05300	.06800	.06390	.05391	426.11000	13.10500	.06754
7.631	-2.000	19.29600	5.94760	-1.25570	7.06040	.06813	.06375	.05398	426.59000	13.11900	.06779
7.629	-1.800	19.29800	5.94770	-1.25770	7.05700	.06784	.06348	.05421	426.42000	13.11200	.06794
7.628	-1.600	19.30700	5.94780	-1.25970	7.06090	.06710	.06312	.05446	426.69000	13.12000	.06815
7.648	-1.400	19.31300	5.94800	-1.26150	7.08740	.06671	.06284	.05495	428.32000	13.16900	.06854
7.628	-1.200	19.31600	5.94810	-1.26350	7.07650	.06710	.06284	.05572	427.70000	13.14900	.06888
7.609	-1.000	19.31800	5.94820	-1.26560	7.05690	.06765	.06300	.05657	426.54000	13.11200	.06937
7.612	-.800	19.32300	5.94830	-1.26760	7.06070	.06827	.06332	.05782	426.81000	13.11900	.07014
7.633	-.600	19.32800	5.94840	-1.26950	7.08030	.06886	.06375	.05899	428.02000	13.15600	.07093
7.626	-.400	19.33300	5.94850	-1.27150	7.06830	.06930	.06404	.05980	427.33000	13.13300	.07143
7.617	-.200	19.33300	5.94860	-1.27330	7.06030	.06947	.06419	.06023	426.88000	13.11900	.07173
7.620	.000	19.33600	5.94870	-1.27560	7.04660	.06967	.06433	.06051	426.09000	13.09300	.07186
7.613	.200	19.34200	5.94880	-1.27770	7.03890	.06988	.06448	.06065	425.65000	13.07900	.07198
7.623	.400	19.34700	5.94900	-1.27960	7.05740	.07026	.06466	.06085	426.80000	13.11300	.07219
7.614	.600	19.35400	5.94910	-1.28200	7.06040	.07067	.06485	.06104	427.02000	13.11900	.07252
7.605	.800	19.35200	5.94920	-1.28380	7.04130	.07123	.06474	.06115	425.90000	13.08300	.07265
7.600	1.000	19.35700	5.94930	-1.28600	7.02890	.07188	.06439	.06117	425.18000	13.06000	.07267
7.605	1.200	19.36300	5.94940	-1.28810	7.04330	.07234	.06392	.06112	426.09000	13.08700	.07263
7.610	1.400	19.36500	5.94950	-1.29010	7.05460	.07260	.06347	.06109	426.80000	13.10800	.07258
7.611	1.600	19.37200	5.94960	-1.29230	7.05840	.07272	.06316	.06109	427.07000	13.11500	.07249
7.621	1.800	19.38000	5.94970	-1.29470	7.07030	.07281	.06288	.06114	427.82000	13.13700	.07245
7.614	2.000	19.38100	5.94990	-1.29660	7.05880	.07297	.06279	.06128	427.16000	13.11600	.07255
7.627	2.200	19.38700	5.95000	-1.29890	7.06560	.07325	.06289	.06116	427.61000	13.12800	.07261
7.625	2.400	19.39200	5.95010	-1.30110	7.05830	.07348	.06323	.06090	427.20000	13.11500	.07269
7.634	2.600	19.39900	5.95020	-1.30340	7.06690	.07373	.06371	.06033	427.75000	13.13100	.07259
7.647	2.800	19.40900	5.95030	-1.30590	7.07300	.07409	.06433	.05973	428.15000	13.14200	.07251
7.633	3.000	19.41300	5.95040	-1.30820	7.06780	.07446	.06486	.05914	427.87000	13.13200	.07233
7.631	3.200	19.41900	5.95050	-1.31050	7.06960	.07466	.06516	.05867	428.01000	13.13600	.07217
7.649	3.400	19.42700	5.95060	-1.31300	7.08330	.07480	.06535	.05804	428.87000	13.16100	.07192
7.646	3.600	19.42800	5.95080	-1.31510	7.07120	.07474	.06548	.05741	428.17000	13.13900	.07170

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(S7E069) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 269/0 RN/L = 7.62 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.643	3.800	19.43300	5.95090	-1.31750	7.05760	.07464	.06525	.05679	427.39000	13.11300	.07157
7.663	3.915	19.42900	5.95100	-1.31850	7.07780	.07473	.06497	.05650	428.65000	13.15100	.07172
	GRADIENT	.02054	.00059	-.01038	-.01838	.00139	.00087	.00155	-.94464	-.03411	.00117

DATE ,4 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(S7E169) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2284/ 0 RN/L = 2.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.261	-4.300	19.49300	5.95520	-1.31270	2.42720	.02325	.02118	.02379	147.43000	4.50980	.02474
2.260	-4.100	19.49100	5.95530	-1.31280	2.42830	.02320	.02111	.02379	147.50000	4.51190	.02471
2.264	-3.900	19.49000	5.95530	-1.31290	2.42840	.02322	.02113	.02373	147.51000	4.51200	.02472
2.270	-3.700	19.49500	5.95540	-1.31340	2.42980	.02331	.02112	.02376	147.61000	4.51470	.02479
2.268	-3.500	19.49900	5.95550	-1.31370	2.42990	.02354	.02130	.02386	147.62000	4.51480	.02499
2.267	-3.300	19.50500	5.95560	-1.31430	2.42990	.02394	.02185	.02438	147.63000	4.51480	.02543
2.265	-3.100	19.50900	5.95560	-1.31480	2.43070	.02431	.02243	.02487	147.68000	4.51630	.02589
2.266	-2.900	19.51400	5.95570	-1.31520	2.43130	.02452	.02293	.02526	147.73000	4.51740	.02631
2.265	-2.700	19.51500	5.95580	-1.31560	2.43130	.02471	.02341	.02556	147.73000	4.51730	.02667
2.261	-2.500	19.51400	5.95580	-1.31570	2.43150	.02481	.02363	.02576	147.76000	4.51780	.02688
2.260	-2.300	19.51900	5.95590	-1.31640	2.43110	.02486	.02383	.02587	147.74000	4.51710	.02707
2.261	-2.100	19.53000	5.95600	-1.31720	2.43080	.02491	.02390	.02599	147.73000	4.51650	.02724
2.261	-1.900	19.53700	5.95610	-1.31800	2.43250	.02504	.02386	.02601	147.84000	4.51960	.02739
2.268	-1.700	19.53900	5.95610	-1.31840	2.43310	.02512	.02379	.02604	147.88000	4.52070	.02745
2.270	-1.500	19.54100	5.95620	-1.31890	2.43340	.02516	.02384	.02596	147.90000	4.52130	.02747
2.264	-1.300	19.54500	5.95630	-1.31950	2.43320	.02514	.02382	.02598	147.90000	4.52100	.02745
2.259	-1.100	19.54900	5.95630	-1.32010	2.43170	.02517	.02383	.02599	147.82000	4.51820	.02741
2.261	-.900	19.56100	5.95640	-1.32130	2.43200	.02536	.02391	.02608	147.84000	4.51870	.02739
2.264	-.700	19.56700	5.95650	-1.32200	2.43170	.02545	.02399	.02629	147.84000	4.51820	.02741
2.266	-.500	19.56900	5.95660	-1.32260	2.43330	.02551	.02408	.02649	147.94000	4.52110	.02753
2.270	-.300	19.57200	5.95660	-1.32310	2.43410	.02552	.02420	.02661	147.99000	4.52260	.02767
2.269	-.100	19.57600	5.95670	-1.32390	2.43420	.02552	.02426	.02681	148.01000	4.52290	.02785
2.267	.100	19.58400	5.95680	-1.32480	2.43270	.02579	.02440	.02694	147.92000	4.52000	.02804
2.263	.300	19.59000	5.95690	-1.32580	2.43280	.02606	.02457	.02709	147.94000	4.52020	.02839
2.266	.500	19.59500	5.95690	-1.32660	2.43330	.02637	.02464	.02726	147.98000	4.52110	.02864
2.263	.700	19.59800	5.95700	-1.32720	2.43360	.02664	.02467	.02740	148.00000	4.52170	.02881
2.260	.900	19.60200	5.95710	-1.32800	2.43410	.02694	.02455	.02736	148.03000	4.52250	.02887
2.260	1.100	19.60700	5.95710	-1.32890	2.43470	.02724	.02433	.02740	148.08000	4.52380	.02887
2.260	1.300	19.61200	5.95720	-1.32980	2.43420	.02757	.02420	.02743	148.06000	4.52270	.02890
2.261	1.500	19.62000	5.95730	-1.33090	2.43380	.02780	.02410	.02750	148.04000	4.52210	.02903
2.259	1.700	19.62300	5.95740	-1.33160	2.43300	.02798	.02400	.02756	148.00000	4.52050	.02916
2.260	1.900	19.62800	5.95740	-1.33250	2.43430	.02799	.02393	.02760	148.09000	4.52290	.02925
2.259	2.100	19.63200	5.95750	-1.33340	2.43460	.02793	.02385	.02753	148.11000	4.52350	.02929
2.255	2.300	19.63600	5.95760	-1.33430	2.43380	.02777	.02366	.02741	148.07000	4.52210	.02927
2.253	2.500	19.64000	5.95760	-1.33530	2.43350	.02764	.02353	.02721	148.06000	4.52140	.02913
2.251	2.700	19.65000	5.95770	-1.33660	2.43270	.02748	.02332	.02701	148.02000	4.52000	.02897
2.252	2.900	19.65400	5.95780	-1.33760	2.43260	.02722	.02296	.02680	148.02000	4.51990	.02874
2.254	3.100	19.65700	5.95790	-1.33860	2.43240	.02704	.02257	.02649	148.02000	4.51950	.02844
2.252	3.300	19.65900	5.95790	-1.33930	2.43240	.02696	.02224	.02607	148.02000	4.51940	.02822
2.252	3.500	19.66600	5.95800	-1.34060	2.43280	.02696	.02186	.02571	148.05000	4.52010	.02790
2.255	3.700	19.67100	5.95810	-1.34170	2.43240	.02693	.02163	.02537	148.04000	4.51950	.02753
2.263	3.827	19.67100	5.95820	-1.34210	2.43280	.02686	.02145	.02508	148.07000	4.52010	.02725
GRADIENT	.02743	.00036	-.00414	-.00077	.00088	.00058	.00077	-.00571	-.00144	.00113	

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0A257 (LARC 20-M6-6559) OV102

(S7E169) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2269/ O RN/L = 7.62 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.642	-4.500	19.23900	5.94620	-1.23300	7.08030	.06265	.05936	.04942	427.38000	13.15600	.06339
7.633	-4.300	19.24600	5.94630	-1.23500	7.07300	.06261	.05941	.04944	426.98000	13.14200	.06338
7.622	-4.100	19.24400	5.94640	-1.23660	7.05840	.06256	.05964	.04956	426.12000	13.11500	.06347
7.645	-3.900	19.24800	5.94660	-1.23820	7.07340	.06259	.06006	.04979	427.06000	13.14300	.06357
7.620	-3.700	19.25000	5.94670	-1.23990	7.05130	.06282	.06068	.05020	425.76000	13.10200	.06383
7.617	-3.500	19.25300	5.94680	-1.24160	7.05490	.06320	.06124	.05062	426.01000	13.10900	.06411
7.609	-3.300	19.25700	5.94690	-1.24360	7.04660	.06391	.06189	.05125	425.54000	13.09300	.06455
7.616	-3.100	19.26000	5.94700	-1.24520	7.04540	.06476	.06257	.05191	425.51000	13.09100	.06507
7.604	-2.900	19.26700	5.94710	-1.24730	7.04510	.06565	.06314	.05255	425.52000	13.09000	.06573
7.608	-2.700	19.27300	5.94720	-1.24900	7.04820	.06650	.06360	.05329	425.74000	13.09600	.06641
7.601	-2.500	19.27900	5.94730	-1.25090	7.04660	.06723	.06391	.05362	425.68000	13.09300	.06700
7.603	-2.300	19.28800	5.94740	-1.25290	7.05320	.06781	.06397	.05384	426.11000	13.10500	.06744
7.626	-2.100	19.29100	5.94760	-1.25470	7.05860	.06809	.06384	.05393	426.47000	13.11500	.06770
7.629	-1.900	19.29700	5.94770	-1.25670	7.06020	.06807	.06362	.05406	426.60000	13.11800	.06787
7.625	-1.700	19.30300	5.94780	-1.25870	7.05390	.06739	.06331	.05435	426.25000	13.10700	.06804
7.633	-1.500	19.30700	5.94790	-1.26050	7.06660	.06682	.06299	.05464	427.05000	13.13000	.06831
7.647	-1.300	19.31500	5.94800	-1.26250	7.09080	.06685	.06282	.05534	428.54000	13.17500	.06872
7.612	-1.100	19.31700	5.94810	-1.26460	7.06180	.06740	.06292	.05615	426.83000	13.12100	.06911
7.611	-.900	19.32100	5.94820	-1.26650	7.05880	.06797	.06314	.05715	426.67000	13.11600	.06974
7.620	-.700	19.32600	5.94830	-1.26850	7.07000	.06853	.06351	.05836	427.39000	13.13700	.07050
7.629	-.500	19.33100	5.94850	-1.27050	7.07200	.06914	.06391	.05943	427.54000	13.14000	.07123
7.627	-.300	19.33300	5.94860	-1.27250	7.07060	.06939	.06410	.06004	427.49000	13.13800	.07160
7.621	-.100	19.33500	5.94870	-1.27440	7.05780	.06959	.06425	.06036	426.75000	13.11400	.07177
7.612	-.100	19.33900	5.94880	-1.27670	7.03620	.06977	.06438	.06059	425.48000	13.07400	.07193
7.627	.300	19.34500	5.94890	-1.27880	7.05280	.07005	.06454	.06076	426.51000	13.10500	.07202
7.623	.500	19.35200	5.94900	-1.28070	7.06500	.07047	.06478	.06091	427.28000	13.12700	.07238
7.607	.700	19.35200	5.94910	-1.28290	7.04860	.07092	.06485	.06111	426.32000	13.09700	.07263
7.600	.900	19.35500	5.94920	-1.28500	7.03200	.07159	.06457	.06120	425.35000	13.06600	.07266
7.603	1.100	19.35900	5.94930	-1.28710	7.03610	.07214	.06414	.06113	425.63000	13.07300	.07267
7.606	1.300	19.36400	5.94950	-1.28920	7.04890	.07248	.06369	.06110	426.44000	13.09700	.07260
7.609	1.500	19.37000	5.94960	-1.29120	7.05520	.07269	.06333	.06109	426.86000	13.10900	.07253
7.616	1.700	19.37500	5.94970	-1.29340	7.06390	.07274	.06300	.06111	427.41000	13.12500	.07245
7.614	1.900	19.37800	5.94980	-1.29560	7.06220	.07288	.06283	.06126	427.34000	13.12200	.07250
7.625	2.100	19.38500	5.94990	-1.29770	7.06570	.07306	.06278	.06123	427.59000	13.12800	.07257
7.621	2.300	19.39000	5.95000	-1.30000	7.05680	.07338	.06303	.06107	427.09000	13.11200	.07269
7.633	2.500	19.39600	5.95010	-1.30230	7.06600	.07359	.06345	.06064	427.68000	13.12900	.07264
7.634	2.700	19.40400	5.95030	-1.30460	7.06540	.07391	.06401	.06001	427.68000	13.12800	.07254
7.642	2.900	19.41100	5.95040	-1.30710	7.07230	.07428	.06460	.05942	428.13000	13.14100	.07242
7.631	3.100	19.41600	5.95050	-1.30940	7.06890	.07456	.06504	.05891	427.96000	13.13400	.07226
7.641	3.300	19.42200	5.95060	-1.31180	7.07920	.07473	.06526	.05836	428.61000	13.15400	.07202
7.647	3.500	19.42900	5.95070	-1.31420	7.07620	.07480	.06541	.05779	428.46000	13.14800	.07182
7.644	3.700	19.43000	5.95080	-1.31630	7.06350	.07465	.06541	.05706	427.73000	13.12400	.07161

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OA257 (LARC 20-M6-6559) OV102

(S7E169) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2269/ 0 RN/L = 7.62 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.657	3.900	19.43200	5.95100	-1.31850	7.07020	.07470	.06498	.05653	428.17000	13.13700	.07167
	GRADIENT	.02071	.00050	-.01031	-.01571	.00127	.00083	.00139	-.78715	-.02914	.00102

DATE 14 DEC 82

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OA257 (LARC 20-M6-6559) OV102

(S7E070) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 282/0 RN/L = 2.29 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.292	-4.415	22.20600	5.95320	-1.48420	2.45570	.02639	.02294	.02800	148.94000	4.56270	.02815
2.290	-4.300	22.21600	5.95330	-1.48490	2.45780	.02642	.02296	.02795	149.09000	4.56670	.02815
2.292	-4.100	22.21300	5.95340	-1.48490	2.45830	.02636	.02293	.02795	149.12000	4.56760	.02814
2.293	-3.900	22.22200	5.95350	-1.48560	2.45810	.02624	.02288	.02798	149.12000	4.56720	.02808
2.290	-3.700	22.23200	5.95360	-1.48650	2.45750	.02611	.02277	.02795	149.09000	4.56600	.02803
2.292	-3.500	22.23200	5.95370	-1.48680	2.45770	.02603	.02270	.02800	149.12000	4.56640	.02796
2.295	-3.300	22.23100	5.95380	-1.48710	2.45820	.02598	.02263	.02803	149.16000	4.56740	.02791
2.299	-3.100	22.23400	5.95390	-1.48750	2.45950	.02611	.02257	.02799	149.25000	4.56980	.02786
2.296	-2.900	22.23800	5.95400	-1.48800	2.45940	.02630	.02256	.02800	149.26000	4.56970	.02787
2.293	-2.700	22.24400	5.95410	-1.48870	2.45930	.02660	.02266	.02809	149.26000	4.56940	.02795
2.295	-2.500	22.25200	5.95420	-1.48960	2.45960	.02684	.02281	.02817	149.29000	4.57010	.02803
2.297	-2.300	22.25900	5.95430	-1.49030	2.46100	.02702	.02299	.02833	149.38000	4.57270	.02816
2.295	-2.100	22.26200	5.95440	-1.49080	2.46130	.02724	.02313	.02857	149.41000	4.57330	.02832
2.296	-1.900	22.26300	5.95450	-1.49120	2.46130	.02751	.02331	.02878	149.42000	4.57310	.02850
2.296	-1.700	22.26700	5.95460	-1.49180	2.46120	.02784	.02360	.02912	149.43000	4.57300	.02881
2.295	-1.500	22.27100	5.95470	-1.49240	2.46140	.02814	.02393	.02960	149.45000	4.57340	.02919
2.295	-1.300	22.28400	5.95480	-1.49360	2.46110	.02844	.02441	.03011	149.44000	4.57280	.02962
2.291	-1.100	22.29100	5.95490	-1.49450	2.46090	.02874	.02483	.03055	149.44000	4.57250	.03004
2.289	-.900	22.29600	5.95500	-1.49530	2.46140	.02904	.02518	.03099	149.48000	4.57340	.03050
2.289	-.700	22.29800	5.95510	-1.49590	2.46120	.02918	.02541	.03128	149.48000	4.57310	.03085
2.296	-.500	22.30200	5.95520	-1.49650	2.46170	.02920	.02555	.03140	149.52000	4.57390	.03110
2.297	-.300	22.30800	5.95530	-1.49750	2.46170	.02926	.02564	.03147	149.53000	4.57390	.03128
2.294	-.100	22.31400	5.95540	-1.49830	2.46230	.02950	.02582	.03153	149.58000	4.57500	.03149
2.292	.100	22.32400	5.95550	-1.49960	2.46190	.02968	.02598	.03163	149.56000	4.57430	.03160
2.291	.300	22.33100	5.95560	-1.50060	2.46100	.02998	.02614	.03181	149.52000	4.57260	.03175
2.293	.500	22.33300	5.95570	-1.50140	2.46190	.03022	.02635	.03203	149.59000	4.57430	.03190
2.294	.700	22.33700	5.95580	-1.50230	2.46200	.03038	.02641	.03204	149.60000	4.57450	.03197
2.293	.900	22.34100	5.95590	-1.50310	2.46260	.03047	.02627	.03200	149.65000	4.57560	.03194
2.291	1.100	22.34500	5.95600	-1.50410	2.46210	.03061	.02601	.03189	149.63000	4.57460	.03195
2.297	1.300	22.35400	5.95610	-1.50510	2.46230	.03069	.02582	.03170	149.65000	4.57500	.03189
2.296	1.500	22.36200	5.95620	-1.50630	2.46080	.03071	.02556	.03143	149.57000	4.57220	.03190
2.296	1.700	22.36600	5.95630	-1.50730	2.46060	.03058	.02516	.03106	149.57000	4.57180	.03176
2.295	1.900	22.37000	5.95640	-1.50820	2.46070	.03048	.02472	.03071	149.59000	4.57210	.03166
2.293	2.100	22.37100	5.95650	-1.50900	2.46120	.03045	.02425	.03035	149.63000	4.57300	.03155
2.293	2.300	22.37600	5.95660	-1.51010	2.46110	.03045	.02383	.03001	149.63000	4.57280	.03141
2.294	2.500	22.38500	5.95670	-1.51150	2.46100	.03044	.02355	.02968	149.64000	4.57260	.03121
2.296	2.700	22.39300	5.95680	-1.51280	2.46050	.03013	.02325	.02921	149.62000	4.57160	.03088
2.298	2.900	22.39700	5.95690	-1.51390	2.46090	.02978	.02299	.02883	149.65000	4.57240	.03049
2.301	3.100	22.40200	5.95700	-1.51510	2.46050	.02954	.02276	.02858	149.64000	4.57160	.03024
2.300	3.300	22.40600	5.95710	-1.51620	2.46080	.02933	.02259	.02831	149.67000	4.57220	.03007
GRADIENT	.03343	.00050	-.00501	-.00021	.00107	.00081	.00061	.04286	-.00037	.00079	

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OA257 (LARC 20-M6-6559) OV102

(S7E070) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 268/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.669	-4.653	21.72500	5.94370	-1.37840	7.08440	.06703	.06213	.05497	426.86000	13.16300	.06783
7.657	-4.500	21.73300	5.94380	-1.38040	7.07650	.06700	.06212	.05489	426.42000	13.14900	.06777
7.651	-4.300	21.73300	5.94390	-1.38230	7.06910	.06725	.06232	.05483	426.00000	13.13500	.06776
7.644	-4.100	21.73600	5.94400	-1.38400	7.07490	.06777	.06268	.05499	426.38000	13.14600	.06786
7.643	-3.900	21.74400	5.94410	-1.38630	7.08120	.06837	.06320	.05525	426.80000	13.15800	.06806
7.661	-3.700	21.75000	5.94420	-1.38830	7.09340	.06908	.06390	.05563	427.56000	13.18000	.06840
7.653	-3.500	21.75500	5.94430	-1.39030	7.09050	.06960	.06470	.05579	427.42000	13.17500	.06861
7.643	-3.300	21.75900	5.94440	-1.39240	7.08650	.06963	.06517	.05571	427.20000	13.16700	.06843
7.641	-3.100	21.76600	5.94450	-1.39470	7.08660	.06967	.06547	.05561	427.24000	13.16800	.06836
7.634	-2.900	21.77300	5.94460	-1.39700	7.07930	.06960	.06557	.05552	426.84000	13.15400	.06829
7.663	-2.700	21.78100	5.94470	-1.39900	7.09600	.06990	.06585	.05559	427.87000	13.18500	.06864
7.656	-2.500	21.78700	5.94480	-1.40120	7.09820	.07052	.06636	.05584	428.04000	13.18900	.06922
7.656	-2.300	21.79400	5.94490	-1.40310	7.10400	.07107	.06683	.05613	428.42000	13.20000	.06968
7.667	-2.100	21.79800	5.94500	-1.40520	7.10710	.07172	.06728	.05653	428.64000	13.20600	.07018
7.678	-1.900	21.80300	5.94510	-1.40720	7.11100	.07249	.06766	.05676	428.90000	13.21300	.07068
7.662	-1.700	21.80600	5.94520	-1.40950	7.09390	.07333	.06797	.05708	427.90000	13.18100	.07123
7.654	-1.500	21.80900	5.94530	-1.41160	7.09450	.07415	.06827	.05740	427.97000	13.18200	.07178
7.664	-1.300	21.81400	5.94540	-1.41390	7.09230	.07499	.06856	.05796	427.87000	13.17800	.07232
7.648	-1.100	21.82000	5.94550	-1.41650	7.08080	.07574	.06872	.05855	427.21000	13.15700	.07271
7.673	-.900	21.83000	5.94560	-1.41870	7.11020	.07631	.06866	.05896	429.01000	13.21100	.07301
7.671	-.700	21.83500	5.94580	-1.42100	7.10840	.07695	.06885	.05954	428.93000	13.20800	.07359
7.659	-.500	21.84000	5.94590	-1.42340	7.09840	.07743	.06880	.06000	428.36000	13.18900	.07396
7.675	-.300	21.84700	5.94600	-1.42560	7.11310	.07784	.06872	.06035	429.28000	13.21700	.07434
7.666	-.100	21.84800	5.94610	-1.42790	7.09550	.07827	.06858	.06087	428.25000	13.18400	.07484
7.678	-.100	21.85700	5.94620	-1.43070	7.09790	.07844	.06842	.06155	428.43000	13.18800	.07526
7.674	.300	21.85800	5.94630	-1.43270	7.09890	.07839	.06837	.06196	428.52000	13.19000	.07546
7.682	.500	21.86500	5.94640	-1.43520	7.10820	.07860	.06848	.06187	429.11000	13.20800	.07547
7.691	.700	21.86700	5.94650	-1.43750	7.10440	.07905	.06843	.06161	428.91000	13.20100	.07540
7.696	.900	21.87400	5.94660	-1.43990	7.10410	.07904	.06792	.06153	428.93000	13.20000	.07517
7.692	1.100	21.87700	5.94670	-1.44240	7.10270	.07830	.06707	.06142	428.87000	13.19700	.07470
7.672	1.300	21.88100	5.94680	-1.44490	7.08140	.07721	.06619	.06099	427.62000	13.15800	.07390
7.661	1.500	21.88500	5.94690	-1.44740	7.06110	.07606	.06497	.06041	426.43000	13.12000	.07277
7.661	1.700	21.88800	5.94700	-1.44980	7.06090	.07508	.06368	.05977	426.45000	13.12000	.07166
7.648	1.900	21.89100	5.94710	-1.45230	7.05410	.07428	.06260	.05933	426.06000	13.10700	.07067
7.649	2.100	21.89600	5.94720	-1.45460	7.06420	.07364	.06192	.05891	426.71000	13.12600	.07002
7.645	2.300	21.90300	5.94730	-1.45740	7.05940	.07301	.06138	.05890	426.45000	13.11700	.06950
7.633	2.500	21.91000	5.94750	-1.46010	7.04540	.07235	.06078	.05904	425.63000	13.09100	.06923
7.629	2.700	21.91400	5.94760	-1.46270	7.03630	.07181	.06026	.05916	425.12000	13.07400	.06907
7.635	2.900	21.92300	5.94770	-1.46540	7.05080	.07166	.05983	.05918	426.02000	13.10100	.06920
7.640	3.100	21.92800	5.94780	-1.46800	7.04910	.07187	.05956	.05901	425.96000	13.09800	.06947
7.657	3.300	21.93500	5.94790	-1.47060	7.05880	.07237	.05948	.05846	426.57000	13.11600	.06983
7.640	3.500	21.93900	5.94800	-1.47300	7.04730	.07289	.05963	.05783	425.91000	13.09400	.07023

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OA257 (LARC 20-M6-6559) OV102

(S7E070) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 268/ 0 RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.643	3.700	21.94400	5.94810	-1.47520	7.04530	.07333	.05966	.05729	425.81000	13.09100	.07065
7.645	3.900	21.95000	5.94820	-1.47860	7.05470	.07421	.05971	.05689	426.42000	13.10800	.07152
GRADIENT	.02386	.00050	-.01187	.00126	.00110	-.00041	.00212	.23572	.00257	.00162	

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(S7E170) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2282/0 RN/L = 2.29 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.291	-4.400	22.20400	5.95320	-1.48410	2.45610	.02641	.02295	.02798	148.97000	4.56350	.02815
2.290	-4.200	22.21500	5.95330	-1.48490	2.45860	.02638	.02294	.02795	149.14000	4.56810	.02815
2.294	-4.000	22.21500	5.95340	-1.48510	2.45830	.02632	.02289	.02792	149.13000	4.56760	.02810
2.292	-3.800	22.22500	5.95350	-1.48590	2.45810	.02619	.02286	.02796	149.13000	4.56730	.02806
2.289	-3.600	22.23200	5.95360	-1.48670	2.45720	.02604	.02271	.02797	149.08000	4.56560	.02798
2.293	-3.400	22.23000	5.95370	-1.48680	2.45780	.02597	.02265	.02800	149.13000	4.56670	.02791
2.297	-3.200	22.23300	5.95380	-1.48730	2.45900	.02603	.02259	.02802	149.21000	4.56890	.02789
2.297	-3.000	22.23600	5.95390	-1.48770	2.45910	.02621	.02256	.02798	149.23000	4.56910	.02786
2.294	-2.800	22.24100	5.95400	-1.48840	2.45970	.02645	.02258	.02804	149.28000	4.57020	.02790
2.293	-2.600	22.24800	5.95410	-1.48920	2.45940	.02672	.02274	.02818	149.27000	4.56970	.02798
2.296	-2.400	22.25500	5.95420	-1.48990	2.45970	.02692	.02292	.02826	149.30000	4.57010	.02807
2.296	-2.200	22.26100	5.95430	-1.49060	2.46130	.02713	.02303	.02847	149.40000	4.57310	.02823
2.293	-2.000	22.26400	5.95440	-1.49110	2.46060	.02736	.02323	.02863	149.38000	4.57200	.02840
2.297	-1.800	22.26400	5.95450	-1.49150	2.46130	.02768	.02344	.02894	149.43000	4.57320	.02866
2.295	-1.600	22.26900	5.95460	-1.49220	2.46150	.02796	.02374	.02933	149.45000	4.57360	.02900
2.296	-1.400	22.27600	5.95470	-1.49290	2.46120	.02830	.02417	.02986	149.44000	4.57290	.02943
2.293	-1.200	22.28700	5.95480	-1.49400	2.46140	.02858	.02460	.03033	149.46000	4.57340	.02983
2.289	-1.000	22.29400	5.95490	-1.49490	2.46120	.02890	.02502	.03075	149.46000	4.57300	.03028
2.289	-.800	22.29800	5.95500	-1.49560	2.46180	.02912	.02527	.03113	149.51000	4.57410	.03071
2.292	-.600	22.30000	5.95510	-1.49620	2.46120	.02918	.02549	.03136	149.49000	4.57300	.03100
2.298	-.400	22.30400	5.95520	-1.49690	2.46150	.02923	.02560	.03145	149.51000	4.57340	.03120
2.296	-.200	22.31000	5.95530	-1.49790	2.46210	.02937	.02574	.03152	149.56000	4.57470	.03134
2.293	.000	22.32000	5.95540	-1.49900	2.46200	.02956	.02589	.03157	149.57000	4.57450	.03153
2.292	.200	22.33000	5.95550	-1.50020	2.46180	.02984	.02606	.03166	149.56000	4.57400	.03168
2.292	.400	22.33200	5.95560	-1.50090	2.46220	.03012	.02626	.03197	149.60000	4.57490	.03182
2.294	.600	22.33500	5.95570	-1.50190	2.46210	.03031	.02641	.03204	149.60000	4.57460	.03192
2.293	.800	22.34000	5.95580	-1.50280	2.46200	.03044	.02635	.03202	149.61000	4.57440	.03194
2.292	1.000	22.34300	5.95590	-1.50350	2.46250	.03054	.02614	.03193	149.65000	4.57540	.03194
2.292	1.200	22.34800	5.95600	-1.50460	2.46200	.03068	.02593	.03178	149.63000	4.57450	.03192
2.297	1.400	22.35800	5.95610	-1.50580	2.46150	.03072	.02573	.03158	149.61000	4.57340	.03192
2.294	1.600	22.36500	5.95620	-1.50680	2.46000	.03065	.02539	.03121	149.53000	4.57080	.03184
2.297	1.800	22.36800	5.95630	-1.50770	2.46100	.03050	.02494	.03087	149.60000	4.57260	.03172
2.293	2.000	22.37100	5.95650	-1.50860	2.46100	.03047	.02449	.03047	149.61000	4.57250	.03161
2.293	2.200	22.37400	5.95660	-1.50960	2.46120	.03044	.02401	.03016	149.63000	4.57290	.03148
2.293	2.400	22.38000	5.95670	-1.51070	2.46070	.03049	.02365	.02983	149.61000	4.57200	.03131
2.296	2.600	22.38800	5.95680	-1.51200	2.46080	.03030	.02339	.02941	149.63000	4.57230	.03104
2.297	2.800	22.39700	5.95690	-1.51350	2.46070	.02995	.02310	.02902	149.63000	4.57200	.03067
2.297	3.000	22.39900	5.95700	-1.51450	2.46030	.02967	.02287	.02871	149.62000	4.57120	.03037
2.303	3.200	22.40400	5.95710	-1.51570	2.46070	.02941	.02266	.02843	149.66000	4.57210	.03014
2.300	3.322	22.40700	5.95710	-1.51640	2.46080	.02931	.02258	.02830	149.67000	4.57220	.03006
	GRADIENT	.03232	.00050	-.00489	.00068	.00101	.00078	.00058	.09107	.00127	.00077

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0A257 (LARC 20-M6-6559) DV102

(S7E170) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2268/0 RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.666	-4.600	21.73100	5.94370	-1.37920	7.08550	.06699	.06213	.05494	426.94000	13.16600	.06782
7.646	-4.400	21.73100	5.94380	-1.38140	7.06210	.06711	.06221	.05488	425.57000	13.12200	.06776
7.651	-4.200	21.73700	5.94390	-1.38330	7.07680	.06747	.06248	.05488	426.48000	13.14900	.06779
7.640	-4.000	21.74000	5.94400	-1.38530	7.07360	.06805	.06294	.05512	426.32000	13.14300	.06797
7.650	-3.800	21.74700	5.94410	-1.38720	7.08790	.06871	.06355	.05545	427.21000	13.17000	.06824
7.653	-3.600	21.75100	5.94420	-1.38920	7.08760	.06939	.06431	.05579	427.23000	13.16900	.06856
7.655	-3.400	21.75700	5.94430	-1.39140	7.09460	.06964	.06498	.05574	427.68000	13.18200	.06854
7.636	-3.200	21.76400	5.94440	-1.39370	7.07940	.06968	.06534	.05566	426.80000	13.15400	.06837
7.636	-3.000	21.76700	5.94450	-1.39560	7.08560	.06964	.06555	.05558	427.20000	13.16600	.06831
7.651	-2.800	21.77600	5.94460	-1.39810	7.08450	.06968	.06567	.05553	427.17000	13.16400	.06845
7.665	-2.600	21.78400	5.94480	-1.40000	7.09970	.07021	.06612	.05571	428.11000	13.19200	.06893
7.654	-2.400	21.78800	5.94490	-1.40200	7.10020	.07079	.06659	.05598	428.18000	13.19300	.06942
7.659	-2.200	21.79600	5.94500	-1.40400	7.10740	.07137	.06705	.05632	428.64000	13.20600	.06991
7.675	-2.000	21.80400	5.94510	-1.40630	7.10830	.07209	.06748	.05666	428.73000	13.20800	.07046
7.677	-1.800	21.80300	5.94520	-1.40830	7.10330	.07291	.06782	.05690	428.46000	13.19900	.07099
7.658	-1.600	21.80900	5.94530	-1.41060	7.09360	.07373	.06809	.05721	427.90000	13.18100	.07148
7.651	-1.400	21.81200	5.94540	-1.41280	7.09010	.07460	.06846	.05771	427.72000	13.17400	.07205
7.668	-1.200	21.81900	5.94550	-1.41530	7.09460	.07537	.06869	.05825	428.02000	13.18200	.07255
7.647	-1.000	21.82400	5.94560	-1.41750	7.08260	.07599	.06868	.05877	427.33000	13.16000	.07288
7.681	-.800	21.83400	5.94570	-1.41980	7.11730	.07664	.06875	.05930	429.46000	13.22500	.07329
7.662	-.600	21.83600	5.94580	-1.42220	7.10070	.07720	.06884	.05981	428.48000	13.19400	.07382
7.665	-.400	21.84500	5.94590	-1.42470	7.10340	.07759	.06877	.06011	428.68000	13.19900	.07413
7.667	-.200	21.84800	5.94600	-1.42680	7.10450	.07809	.06869	.06053	428.78000	13.20100	.07460
7.680	.000	21.85200	5.94610	-1.42940	7.09890	.07840	.06851	.06125	428.47000	13.19000	.07510
7.678	.200	21.85400	5.94620	-1.43150	7.09850	.07846	.06839	.06177	428.48000	13.19000	.07540
7.676	.400	21.86200	5.94630	-1.43400	7.10430	.07843	.06839	.06194	428.86000	13.20000	.07546
7.688	.600	21.86600	5.94640	-1.43630	7.10430	.07882	.06855	.06172	428.89000	13.20000	.07543
7.694	.800	21.87100	5.94650	-1.43880	7.10560	.07915	.06821	.06156	429.00000	13.20300	.07529
7.693	1.000	21.87700	5.94670	-1.44120	7.10240	.07876	.06751	.06153	428.84000	13.19700	.07499
7.680	1.200	21.88100	5.94680	-1.44380	7.08980	.07781	.06673	.06128	428.11000	13.17300	.07438
7.666	1.400	21.88200	5.94690	-1.44610	7.06970	.07661	.06558	.06073	426.93000	13.13600	.07334
7.669	1.600	21.88500	5.94700	-1.44840	7.06630	.07550	.06433	.06010	426.75000	13.13000	.07220
7.643	1.800	21.88800	5.94710	-1.45100	7.04660	.07470	.06312	.05953	425.60000	13.09300	.07114
7.654	2.000	21.89700	5.94720	-1.45360	7.06490	.07394	.06220	.05916	426.74000	13.12700	.07030
7.649	2.200	21.90200	5.94730	-1.45610	7.06380	.07333	.06164	.05890	426.70000	13.12500	.06975
7.638	2.400	21.90600	5.94740	-1.45860	7.05410	.07266	.06108	.05897	426.14000	13.10700	.06934
7.630	2.600	21.91200	5.94750	-1.46140	7.03680	.07205	.06055	.05915	425.13000	13.07500	.06913
7.641	2.800	21.92000	5.94760	-1.46410	7.05260	.07166	.06002	.05915	426.12000	13.10400	.06909
7.633	3.000	21.92500	5.94770	-1.46660	7.04680	.07170	.05966	.05915	425.80000	13.09400	.06933
7.656	3.200	21.93200	5.94780	-1.46930	7.05700	.07207	.05947	.05880	426.45000	13.11200	.06966
7.654	3.400	21.93800	5.94790	-1.47180	7.05940	.07265	.05956	.05812	426.62000	13.11700	.07002
7.636	3.600	21.94100	5.94800	-1.47430	7.04160	.07313	.05966	.05746	425.58000	13.08400	.07047

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OA257 (LARC 20-M6-6559) OV102

(S7E170) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = .474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AIRRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2268/0 RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.649	3.800	21.94900	5.94810	-1.47730	7.05470	.07385	.05964	.05707	426.41000	13.10800	.07114
7.651	3.936	21.94500	5.94820	-1.47860	7.05830	.07444	.05977	.05679	426.65000	13.11500	.07169
	GRADIENT	.02321	.00050	-.01171	.00118	.00124	-.00034	.00190	.23037	.00161	.00148

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OA257 (LARC 20-M6-6559) OV102

(S7E071) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 281/0 RN/L = 2.23 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.223	-4.576	24.43000	5.95580	-1.62340	2.42350	.02891	.02515	.02959	147.26000	4.50300	.03077
2.231	-4.400	24.44200	5.95590	-1.62420	2.42470	.02892	.02514	.02961	147.34000	4.50510	.03076
2.234	-4.200	24.43800	5.95600	-1.62400	2.42640	.02895	.02514	.02969	147.46000	4.50840	.03080
2.230	-4.000	24.43900	5.95610	-1.62440	2.42600	.02900	.02517	.02969	147.44000	4.50760	.03080
2.229	-3.800	24.44200	5.95620	-1.62480	2.42640	.02898	.02518	.02981	147.48000	4.50840	.03080
2.233	-3.600	24.45100	5.95630	-1.62560	2.42690	.02903	.02522	.02990	147.52000	4.50930	.03078
2.232	-3.400	24.46000	5.95630	-1.62650	2.42750	.02906	.02531	.03001	147.56000	4.51030	.03086
2.227	-3.200	24.46800	5.95640	-1.62730	2.42690	.02918	.02537	.03015	147.54000	4.50930	.03093
2.228	-3.000	24.46800	5.95650	-1.62770	2.42840	.02937	.02536	.03024	147.64000	4.51210	.03097
2.230	-2.800	24.47400	5.95660	-1.62830	2.42920	.02961	.02539	.03024	147.69000	4.51350	.03097
2.234	-2.600	24.47300	5.95670	-1.62860	2.43020	.02974	.02540	.03036	147.76000	4.51530	.03090
2.233	-2.400	24.47400	5.95680	-1.62900	2.43030	.02977	.02535	.03038	147.78000	4.51550	.03081
2.228	-2.200	24.48200	5.95690	-1.62990	2.42970	.02984	.02519	.03047	147.75000	4.51440	.03080
2.229	-2.000	24.49300	5.95700	-1.63100	2.43020	.02990	.02492	.03064	147.79000	4.51540	.03083
2.228	-1.800	24.50200	5.95710	-1.63190	2.43020	.03003	.02446	.03083	147.80000	4.51530	.03095
2.225	-1.600	24.50600	5.95720	-1.63270	2.43060	.03014	.02406	.03098	147.83000	4.51600	.03097
2.223	-1.400	24.51500	5.95730	-1.63380	2.43180	.03027	.02369	.03109	147.92000	4.51840	.03101
2.225	-1.200	24.51500	5.95740	-1.63430	2.43120	.03029	.02343	.03106	147.89000	4.51720	.03103
2.228	-1.000	24.51900	5.95750	-1.63490	2.43180	.03025	.02328	.03101	147.94000	4.51830	.03098
2.229	-.800	24.52500	5.95760	-1.63570	2.43180	.03024	.02328	.03090	147.95000	4.51830	.03100
2.228	-.600	24.53800	5.95760	-1.63710	2.43050	.03035	.02348	.03097	147.88000	4.51580	.03117
2.228	-.400	24.54500	5.95770	-1.63810	2.43140	.03041	.02378	.03122	147.94000	4.51760	.03142
2.232	-.200	24.55100	5.95780	-1.63900	2.43150	.03054	.02418	.03148	147.96000	4.51770	.03161
2.228	.000	24.55800	5.95790	-1.64000	2.43180	.03072	.02479	.03179	147.99000	4.51840	.03186
2.227	.200	24.56200	5.95800	-1.64090	2.43230	.03074	.02544	.03192	148.02000	4.51920	.03208
2.232	.400	24.56400	5.95810	-1.64160	2.43290	.03065	.02596	.03200	148.07000	4.52040	.03229
2.234	.600	24.56800	5.95820	-1.64250	2.43300	.03055	.02619	.03200	148.09000	4.52050	.03249
2.227	.800	24.57700	5.95830	-1.64380	2.43180	.03060	.02624	.03196	148.02000	4.51830	.03260
2.227	1.000	24.58800	5.95840	-1.64510	2.43120	.03069	.02595	.03169	148.00000	4.51720	.03256
2.224	1.200	24.59400	5.95850	-1.64620	2.43140	.03080	.02560	.03141	148.02000	4.51760	.03248
2.221	1.400	24.59900	5.95860	-1.64720	2.43080	.03085	.02543	.03101	147.99000	4.51630	.03244
2.223	1.600	24.60200	5.95870	-1.64820	2.43130	.03068	.02540	.03008	148.03000	4.51740	.03251
2.225	1.800	24.60500	5.95880	-1.64930	2.43220	.03058	.02524	.02948	148.10000	4.51900	.03255
2.225	2.000	24.60700	5.95890	-1.65020	2.43260	.03068	.02498	.02926	148.13000	4.51980	.03257
2.222	2.200	24.61900	5.95900	-1.65180	2.43160	.03088	.02467	.02901	148.08000	4.51790	.03258
2.219	2.400	24.62800	5.95910	-1.65320	2.43030	.03099	.02436	.02892	148.01000	4.51550	.03267
2.216	2.600	24.63300	5.95910	-1.65440	2.43010	.03111	.02399	.02893	148.01000	4.51520	.03280
2.214	2.800	24.63800	5.95920	-1.65570	2.43060	.03143	.02371	.02905	148.05000	4.51610	.03298
2.214	3.000	24.64200	5.95930	-1.65690	2.43090	.03185	.02352	.02924	148.07000	4.51650	.03331
2.218	3.200	24.64700	5.95940	-1.65810	2.43100	.03223	.02342	.02932	148.09000	4.51680	.03368
	GRADIENT	.02482	.00050	-.00448	.00202	.00023	.00246	.00091	.16964	.00379	.00110

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OA257 (LARC 20-M6-6559) OV102

(S7E071) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	25.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 234/0 RN/L = 4.49 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.550	-4.640	24.15100	5.95890	-1.57380	4.17200	.04296	.03961	.03644	254.06000	7.75170	.04396
4.544	-4.500	24.15600	5.95900	-1.57460	4.17720	.04302	.03969	.03659	254.39000	7.76130	.04407
4.543	-4.300	24.15700	5.95910	-1.57540	4.17850	.04304	.03977	.03663	254.48000	7.76360	.04408
4.544	-4.100	24.16300	5.95910	-1.57650	4.18130	.04304	.03985	.03658	254.66000	7.76880	.04405
4.543	-3.900	24.16800	5.95920	-1.57780	4.18200	.04299	.03993	.03663	254.72000	7.77020	.04394
4.546	-3.700	24.17500	5.95930	-1.57910	4.18370	.04293	.03989	.03652	254.84000	7.77330	.04376
4.549	-3.500	24.17900	5.95940	-1.58050	4.17890	.04294	.03987	.03655	254.56000	7.76450	.04374
4.539	-3.300	24.18900	5.95950	-1.58220	4.16620	.04323	.04001	.03682	253.80000	7.74080	.04401
4.524	-3.100	24.19100	5.95950	-1.58360	4.14560	.04350	.04007	.03708	252.56000	7.70260	.04421
4.531	-2.900	24.19600	5.95960	-1.58510	4.13160	.04380	.04013	.03744	251.72000	7.67650	.04453
4.522	-2.700	24.19800	5.95970	-1.58640	4.12110	.04421	.04027	.03797	251.09000	7.65690	.04509
4.529	-2.500	24.20000	5.95980	-1.58760	4.11550	.04452	.04033	.03830	250.77000	7.64670	.04540
4.509	-2.300	24.20300	5.95980	-1.58880	4.11200	.04471	.04036	.03849	250.57000	7.64020	.04564
4.491	-2.100	24.21000	5.95990	-1.59030	4.10630	.04485	.04034	.03865	250.23000	7.62950	.04589
4.482	-1.900	24.21300	5.96000	-1.59160	4.10570	.04504	.04039	.03882	250.21000	7.62840	.04613
4.476	-1.700	24.21900	5.96010	-1.59300	4.10640	.04530	.04043	.03904	250.26000	7.62960	.04640
4.486	-1.500	24.22600	5.96020	-1.59450	4.10360	.04545	.04046	.03914	250.11000	7.62450	.04660
4.479	-1.300	24.23100	5.96020	-1.59570	4.10460	.04565	.04044	.03938	250.19000	7.62640	.04687
4.470	-1.100	24.24200	5.96030	-1.59740	4.10590	.04580	.04034	.03956	250.28000	7.62880	.04703
4.468	-.900	24.25000	5.96040	-1.59900	4.10840	.04597	.04035	.03975	250.44000	7.63340	.04720
4.470	-.700	24.25500	5.96050	-1.60030	4.10910	.04613	.04049	.04004	250.50000	7.63460	.04747
4.471	-.500	24.26500	5.96050	-1.60200	4.11110	.04643	.04078	.04055	250.63000	7.63830	.04784
4.473	-.300	24.26700	5.96060	-1.60320	4.11120	.04677	.04107	.04073	250.65000	7.63850	.04801
4.471	-.100	24.27100	5.96070	-1.60470	4.11180	.04715	.04143	.04080	250.70000	7.63970	.04824
4.471	.100	24.27600	5.96080	-1.60640	4.11160	.04772	.04199	.04110	250.71000	7.63930	.04876
4.477	.300	24.28100	5.96090	-1.60790	4.11450	.04827	.04261	.04142	250.90000	7.64470	.04939
4.491	.500	24.28400	5.96090	-1.60930	4.11610	.04831	.04274	.04140	251.01000	7.64770	.04953
4.482	.700	24.29100	5.96100	-1.61110	4.11720	.04816	.04244	.04100	251.09000	7.64970	.04940
4.477	.900	24.29600	5.96110	-1.61270	4.11690	.04813	.04215	.04056	251.08000	7.64920	.04941
4.487	1.100	24.30600	5.96120	-1.61450	4.12080	.04821	.04187	.04012	251.33000	7.65630	.04949
4.485	1.300	24.31600	5.96130	-1.61640	4.12300	.04836	.04159	.03977	251.49000	7.66060	.04960
4.490	1.500	24.32400	5.96130	-1.61830	4.12340	.04847	.04142	.03951	251.52000	7.66120	.04967
4.497	1.700	24.33000	5.96140	-1.62000	4.12230	.04880	.04129	.03935	251.47000	7.65920	.04995
4.477	1.900	24.33400	5.96150	-1.62180	4.12020	.04927	.04112	.03936	251.36000	7.65530	.05051
4.464	2.100	24.34000	5.96160	-1.62360	4.11730	.04972	.04088	.03950	251.19000	7.64990	.05096
4.454	2.300	24.34100	5.96170	-1.62520	4.10810	.05002	.04065	.03959	250.64000	7.63280	.05126
4.453	2.500	24.34100	5.96170	-1.62670	4.09910	.05039	.04038	.03967	250.11000	7.61610	.05164
4.448	2.700	24.34400	5.96180	-1.62850	4.09110	.05063	.04005	.03969	249.63000	7.60120	.05199
4.454	2.900	24.35200	5.96190	-1.63070	4.08880	.05099	.03966	.03974	249.51000	7.59690	.05246
4.443	3.100	24.35600	5.96200	-1.63230	4.08510	.05151	.03940	.03983	249.30000	7.59010	.05295
4.447	3.300	24.36300	5.96200	-1.63420	4.08190	.05194	.03922	.03980	249.11000	7.58410	.05339
GRADIENT	.02029	.00043	-.00747	.00496	.00206	.00214	.00095	.38000	.00931	.00187	

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OA257 (LARC 20-M6-6559) OV102

(S7E071) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 267/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.686	-4.602	24.14600	5.94690	-1.52060	7.07370	.07250	.06431	.05732	427.20000	13.14400	.07220
7.684	-4.500	24.15300	5.94700	-1.52220	7.06750	.07251	.06431	.05740	426.84000	13.13200	.07222
7.696	-4.300	24.15700	5.94710	-1.52420	7.07480	.07251	.06455	.05759	427.30000	13.14500	.07241
7.696	-4.100	24.16100	5.94720	-1.52620	7.08090	.07256	.06500	.05779	427.70000	13.15700	.07260
7.697	-3.900	24.16400	5.94720	-1.52850	7.07930	.07269	.06541	.05798	427.62000	13.15400	.07285
7.704	-3.700	24.17000	5.94730	-1.53070	7.08890	.07307	.06608	.05814	428.23000	13.17200	.07321
7.707	-3.500	24.18000	5.94740	-1.53320	7.09920	.07375	.06694	.05853	428.87000	13.19100	.07382
7.703	-3.300	24.18500	5.94750	-1.53560	7.10160	.07466	.06784	.05888	429.04000	13.19500	.07454
7.703	-3.100	24.18800	5.94760	-1.53810	7.09000	.07566	.06864	.05902	428.37000	13.17400	.07509
7.690	-2.900	24.19400	5.94770	-1.54060	7.07470	.07657	.06908	.05905	427.47000	13.14500	.07547
7.694	-2.700	24.19800	5.94780	-1.54300	7.07140	.07705	.06890	.05927	427.30000	13.13900	.07554
7.664	-2.500	24.20100	5.94780	-1.54560	7.04820	.07753	.06855	.05955	425.92000	13.09600	.07556
7.644	-2.300	24.20300	5.94790	-1.54820	7.02550	.07796	.06788	.05990	424.57000	13.05400	.07552
7.648	-2.100	24.21200	5.94800	-1.55060	7.04100	.07822	.06726	.05999	425.53000	13.08300	.07547
7.636	-1.900	24.21900	5.94810	-1.55300	7.04080	.07853	.06697	.06003	425.55000	13.08200	.07554
7.626	-1.700	24.22300	5.94820	-1.55570	7.02980	.07886	.06678	.05995	424.91000	13.06200	.07548
7.630	-1.500	24.23100	5.94830	-1.55810	7.03170	.07961	.06635	.05998	425.04000	13.06500	.07512
7.650	-1.300	24.23800	5.94830	-1.56030	7.04470	.08034	.06605	.06019	425.86000	13.09000	.07476
7.639	-1.100	24.24300	5.94840	-1.56290	7.04090	.08103	.06575	.06046	425.65000	13.08200	.07454
7.634	-.900	24.24900	5.94850	-1.56530	7.03650	.08180	.06550	.06064	425.41000	13.07400	.07439
7.636	-.700	24.25500	5.94860	-1.56800	7.02850	.08257	.06537	.06081	424.95000	13.05900	.07438
7.641	-.500	24.26100	5.94870	-1.57050	7.03120	.08288	.06553	.06098	425.14000	13.06500	.07443
7.645	-.300	24.27100	5.94880	-1.57330	7.04930	.08272	.06589	.06137	426.26000	13.09800	.07462
7.623	-.100	24.27500	5.94880	-1.57580	7.04100	.08193	.06632	.06178	425.78000	13.08300	.07493
7.648	.100	24.28200	5.94890	-1.57840	7.05260	.08139	.06670	.06191	426.51000	13.10400	.07522
7.654	.300	24.29300	5.94900	-1.58130	7.06920	.08097	.06706	.06170	427.54000	13.13500	.07554
7.643	.500	24.29800	5.94910	-1.58390	7.06530	.08050	.06738	.06126	427.32000	13.12800	.07578
7.645	.700	24.30100	5.94920	-1.58650	7.06170	.07981	.06733	.06056	427.13000	13.12100	.07584
7.629	.900	24.30800	5.94930	-1.58940	7.04730	.07905	.06710	.05994	426.28000	13.09400	.07580
7.620	1.100	24.31200	5.94930	-1.59210	7.03690	.07846	.06669	.05914	425.68000	13.07500	.07558
7.613	1.300	24.31500	5.94940	-1.59470	7.02890	.07800	.06602	.05842	425.22000	13.06000	.07522
7.597	1.500	24.31800	5.94950	-1.59740	7.01680	.07755	.06540	.05783	424.51000	13.03800	.07499
7.572	1.700	24.32100	5.94960	-1.60040	6.98890	.07721	.06488	.05723	422.85000	12.98600	.07497
7.557	1.900	24.32500	5.94970	-1.60310	6.97050	.07681	.06431	.05663	421.77000	12.95200	.07476
7.565	2.100	24.33100	5.94980	-1.60590	6.98600	.07661	.06399	.05609	422.73000	12.98000	.07462
7.558	2.300	24.34000	5.94990	-1.60890	6.98830	.07649	.06380	.05576	422.89000	12.98500	.07459
7.554	2.500	24.34500	5.94990	-1.61180	6.98420	.07608	.06358	.05525	422.67000	12.97700	.07426
7.539	2.700	24.34700	5.95000	-1.61460	6.97050	.07580	.06314	.05462	421.86000	12.95200	.07389
7.547	2.900	24.35300	5.95010	-1.61740	6.97090	.07579	.06273	.05444	421.91000	12.95200	.07360
7.563	3.100	24.36300	5.95020	-1.62060	6.99740	.07591	.06222	.05419	423.54000	13.00200	.07344
7.552	3.300	24.36700	5.95030	-1.62340	6.98940	.07576	.06156	.05411	423.08000	12.98700	.07325
7.553	3.500	24.36800	5.95040	-1.62630	6.97810	.07530	.06081	.05407	422.42000	12.96600	.07297

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OA257 (LARC 20-M6-6559) OV102

(S7E071) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

PARAMETRIC DATA

ALPHA =	25.000	PHI =	.000
SPDBRK =	.000	AIRLON =	.000
YP =	1.000	1S =	1.000
ELEVON =	.000	MACH =	6.000
S-MODE =	2.000	S-DIR =	1.000

RUN NO. 267 / O RN/L = 7-63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.560	3.700	24.37500	5.95040	-1.62910	6.98460	.07502	.06034	.05413	422.84000	12.97800	.07279
	GRADIENT	.03686	.00039	-.01337	.03454	-.00253	.00187	.00036	2.21000	.06386	.00140

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(S7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2281/ 0 RN/L = 2.23 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.230	-4.500	24.43700	5.95580	-1.62380	2.42440	.02892	.02513	.02958	147.32000	4.50450	.03077
2.232	-4.300	24.44100	5.95590	-1.62430	2.42480	.02896	.02512	.02964	147.36000	4.50540	.03077
2.233	-4.100	24.43700	5.95600	-1.62410	2.42630	.02899	.02516	.02968	147.46000	4.50820	.03080
2.229	-3.900	24.44000	5.95610	-1.62450	2.42620	.02897	.02518	.02974	147.46000	4.50790	.03079
2.231	-3.700	24.44800	5.95620	-1.62540	2.42650	.02901	.02518	.02986	147.49000	4.50860	.03078
2.233	-3.500	24.45800	5.95630	-1.62620	2.42740	.02903	.02527	.02993	147.55000	4.51020	.03079
2.229	-3.300	24.46100	5.95640	-1.62680	2.42650	.02909	.02533	.03005	147.51000	4.50850	.03089
2.227	-3.100	24.46800	5.95650	-1.62750	2.42790	.02926	.02536	.03023	147.60000	4.51110	.03095
2.229	-2.900	24.47300	5.95660	-1.62810	2.42920	.02951	.02537	.03033	147.69000	4.51340	.03097
2.233	-2.700	24.47100	5.95670	-1.62830	2.42960	.02969	.02540	.03037	147.72000	4.51420	.03093
2.234	-2.500	24.47200	5.95680	-1.62880	2.43080	.02977	.02537	.03039	147.80000	4.51640	.03088
2.231	-2.300	24.47800	5.95690	-1.62950	2.43020	.02980	.02530	.03043	147.78000	4.51530	.03081
2.229	-2.100	24.48600	5.95690	-1.63030	2.43000	.02985	.02508	.03054	147.77000	4.51490	.03080
2.228	-1.900	24.49700	5.95700	-1.63150	2.42990	.02995	.02468	.03071	147.78000	4.51480	.03090
2.227	-1.700	24.50600	5.95710	-1.63240	2.43020	.03010	.02427	.03093	147.81000	4.51540	.03095
2.222	-1.500	24.51100	5.95720	-1.63330	2.43080	.03020	.02384	.03105	147.86000	4.51650	.03098
2.223	-1.300	24.51100	5.95730	-1.63370	2.43140	.03027	.02354	.03108	147.90000	4.51760	.03102
2.226	-1.100	24.51700	5.95740	-1.63460	2.43150	.03028	.02333	.03104	147.91000	4.51770	.03103
2.228	-.900	24.52400	5.95750	-1.63540	2.43110	.03024	.02325	.03092	147.90000	4.51710	.03097
2.228	-.700	24.53100	5.95760	-1.63640	2.43070	.03030	.02337	.03093	147.89000	4.51630	.03109
2.227	-.500	24.54400	5.95770	-1.63770	2.43050	.03040	.02357	.03110	147.89000	4.51600	.03132
2.231	-.300	24.54900	5.95780	-1.63860	2.43120	.03047	.02395	.03134	147.94000	4.51730	.03148
2.230	-.100	24.55400	5.95790	-1.63950	2.43150	.03064	.02449	.03166	147.96000	4.51780	.03174
2.226	.100	24.55900	5.95800	-1.64040	2.43180	.03076	.02514	.03184	147.99000	4.51840	.03197
2.229	.300	24.56100	5.95810	-1.64110	2.43280	.03072	.02574	.03192	148.06000	4.52020	.03218
2.234	.500	24.56500	5.95820	-1.64200	2.43310	.03054	.02610	.03201	148.09000	4.52070	.03240
2.230	.700	24.57300	5.95830	-1.64320	2.43220	.03059	.02625	.03199	148.05000	4.51910	.03255
2.228	.900	24.58100	5.95830	-1.64430	2.43100	.03063	.02614	.03188	147.98000	4.51690	.03259
2.226	1.100	24.59200	5.95840	-1.64570	2.43150	.03075	.02576	.03157	148.02000	4.51770	.03250
2.224	1.300	24.59600	5.95850	-1.64660	2.43150	.03086	.02546	.03126	148.03000	4.51770	.03246
2.221	1.500	24.59900	5.95860	-1.64770	2.43090	.03076	.02543	.03050	148.00000	4.51650	.03247
2.224	1.700	24.60300	5.95870	-1.64870	2.43200	.03062	.02533	.02976	148.08000	4.51870	.03253
2.226	1.900	24.60500	5.95880	-1.64970	2.43280	.03062	.02511	.02933	148.14000	4.52020	.03257
2.223	2.100	24.61200	5.95890	-1.65090	2.43230	.03078	.02481	.02909	148.12000	4.51920	.03257
2.220	2.300	24.62300	5.95900	-1.65240	2.43090	.03094	.02454	.02895	148.04000	4.51660	.03262
2.218	2.500	24.63000	5.95910	-1.65380	2.43040	.03103	.02420	.02893	148.02000	4.51570	.03273
2.215	2.700	24.63600	5.95920	-1.65510	2.43070	.03124	.02386	.02899	148.05000	4.51630	.03288
2.213	2.900	24.64100	5.95930	-1.65630	2.43050	.03165	.02359	.02918	148.05000	4.51600	.03314
2.217	3.100	24.64300	5.95940	-1.65740	2.43070	.03204	.02345	.02930	148.07000	4.51630	.03348
2.217	3.269	24.64900	5.95950	-1.65860	2.43050	.03230	.02338	.02936	148.06000	4.51590	.03379
GRADIENT	.02086	.00050	-.00427	.00259	.00023	.00267	.00092	.19857	.00469	.00111	

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DA257 (LARC 20-M6-6559) OV102

(S7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA	=	25.000	PHI	=	.000
SPDBRK	=	.000	AIRLN	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2234/ 0 RN/L = 4.49 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.546	-4.600	24.15500	5.95890	-1.57410	4.17550	.04302	.03969	.03650	254.28000	7.75810	.04405
4.544	-4.400	24.15700	5.95900	-1.57500	4.17820	.04302	.03974	.03661	254.46000	7.76310	.04406
4.542	-4.200	24.16000	5.95910	-1.57590	4.17950	.04305	.03980	.03663	254.55000	7.76550	.04407
4.546	-4.000	24.16600	5.95920	-1.57720	4.18260	.04301	.03988	.03661	254.75000	7.77120	.04400
4.541	-3.800	24.17100	5.95930	-1.57840	4.18210	.04295	.03989	.03655	254.73000	7.77030	.04386
4.552	-3.600	24.17800	5.95930	-1.57990	4.18340	.04287	.03986	.03652	254.82000	7.77270	.04368
4.543	-3.400	24.18300	5.95940	-1.58120	4.17230	.04307	.03994	.03663	254.17000	7.75220	.04385
4.533	-3.200	24.18800	5.95950	-1.58290	4.15730	.04340	.04006	.03695	253.27000	7.72430	.04416
4.524	-3.000	24.19600	5.95960	-1.58460	4.13670	.04361	.04009	.03721	252.02000	7.68590	.04431
4.528	-2.800	24.19500	5.95960	-1.58570	4.12590	.04401	.04018	.03773	251.38000	7.66590	.04480
4.534	-2.600	24.19700	5.95970	-1.58680	4.11740	.04439	.04031	.03812	250.88000	7.65020	.04524
4.519	-2.400	24.20000	5.95980	-1.58810	4.11430	.04460	.04037	.03838	250.70000	7.64430	.04554
4.500	-2.200	24.20600	5.95990	-1.58950	4.10810	.04480	.04037	.03857	250.33000	7.63280	.04573
4.483	-2.000	24.21100	5.96000	-1.59090	4.10570	.04492	.04034	.03877	250.20000	7.62830	.04600
4.480	-1.800	24.21600	5.96000	-1.59230	4.10650	.04514	.04044	.03897	250.26000	7.62980	.04627
4.478	-1.600	24.22400	5.96010	-1.59380	4.10490	.04538	.04045	.03909	250.18000	7.62680	.04651
4.483	-1.400	24.23000	5.96020	-1.59520	4.10400	.04553	.04045	.03926	250.14000	7.62520	.04672
4.473	-1.200	24.23600	5.96030	-1.59660	4.10550	.04573	.04040	.03945	250.25000	7.62800	.04696
4.466	-1.000	24.24600	5.96040	-1.59820	4.10610	.04588	.04034	.03963	250.30000	7.62910	.04712
4.468	-.800	24.25400	5.96040	-1.59970	4.10850	.04605	.04038	.03988	250.45000	7.63350	.04730
4.471	-.600	24.25900	5.96050	-1.60110	4.10980	.04626	.04061	.04026	250.55000	7.63590	.04761
4.473	-.400	24.26800	5.96060	-1.60270	4.11110	.04661	.04095	.04075	250.64000	7.63840	.04799
4.472	-.200	24.27000	5.96070	-1.60400	4.11120	.04694	.04122	.04075	250.66000	7.63850	.04808
4.469	.000	24.27200	5.96070	-1.60540	4.11100	.04745	.04172	.04097	250.66000	7.63810	.04850
4.472	.200	24.27700	5.96080	-1.60710	4.11210	.04800	.04232	.04128	250.74000	7.64020	.04905
4.485	.400	24.28200	5.96090	-1.60850	4.11580	.04839	.04281	.04144	250.98000	7.64710	.04955
4.485	.600	24.28700	5.96100	-1.61020	4.11560	.04821	.04262	.04128	250.98000	7.64670	.04946
4.477	.800	24.29300	5.96110	-1.61180	4.11690	.04813	.04230	.04076	251.08000	7.64920	.04940
4.488	1.000	24.30100	5.96110	-1.61370	4.11910	.04817	.04199	.04029	251.22000	7.65320	.04945
4.484	1.200	24.31300	5.96120	-1.61550	4.12180	.04832	.04171	.03995	251.40000	7.65820	.04957
4.485	1.400	24.31900	5.96130	-1.61730	4.12290	.04840	.04150	.03963	251.49000	7.66040	.04961
4.500	1.600	24.32700	5.96140	-1.61910	4.12300	.04859	.04135	.03936	251.50000	7.66040	.04976
4.488	1.800	24.33200	5.96150	-1.62100	4.12140	.04900	.04121	.03935	251.42000	7.65740	.05020
4.470	2.000	24.33700	5.96150	-1.62270	4.12010	.04952	.04100	.03945	251.35000	7.65500	.05080
4.458	2.200	24.34000	5.96160	-1.62440	4.11330	.04987	.04077	.03954	250.96000	7.64250	.05112
4.452	2.400	24.34200	5.96170	-1.62600	4.10360	.05019	.04052	.03966	250.37000	7.62430	.05143
4.451	2.600	24.34100	5.96180	-1.62760	4.09380	.05055	.04024	.03969	249.79000	7.60620	.05184
4.453	2.800	24.34800	5.96190	-1.62950	4.09020	.05074	.03984	.03969	249.58000	7.59950	.05219
4.447	3.000	24.35200	5.96190	-1.63130	4.08610	.05123	.03952	.03980	249.35000	7.59180	.05273
4.448	3.200	24.35800	5.96200	-1.63320	4.08380	.05171	.03928	.03984	249.22000	7.58750	.05319
GRADIENT	.02125	.00039	-.00750	.00495	.00187	.00193	.00088	.36607	.00920	.00172	

DATE 14 DEC 82

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OA257 (LARC 20-M6-6559) OV102

(S7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2267/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.685	-4.600	24.14600	5.94690	-1.52070	7.07310	.07250	.06431	.05732	427.15000	13.14200	.07220
7.701	-4.400	24.15500	5.94700	-1.52320	7.07700	.07248	.06440	.05745	427.42000	13.15000	.07233
7.699	-4.200	24.15800	5.94710	-1.52510	7.08030	.07250	.06478	.05768	427.65000	13.15600	.07248
7.697	-4.000	24.16300	5.94720	-1.52730	7.08050	.07261	.06519	.05790	427.69000	13.15600	.07273
7.700	-3.800	24.16600	5.94730	-1.52940	7.08400	.07284	.06573	.05804	427.92000	13.16300	.07300
7.702	-3.600	24.17400	5.94740	-1.53210	7.09010	.07338	.06650	.05830	428.31000	13.17400	.07350
7.696	-3.400	24.18300	5.94750	-1.53460	7.09420	.07415	.06737	.05873	428.58000	13.18100	.07420
7.700	-3.200	24.18600	5.94750	-1.53690	7.09540	.07520	.06828	.05894	428.68000	13.18400	.07487
7.703	-3.000	24.19300	5.94760	-1.53930	7.08670	.07616	.06892	.05906	428.18000	13.16800	.07527
7.689	-2.800	24.19200	5.94770	-1.54170	7.07060	.07681	.06905	.05913	427.24000	13.13800	.07548
7.679	-2.600	24.19800	5.94780	-1.54420	7.05900	.07728	.06878	.05942	426.56000	13.11600	.07558
7.657	-2.400	24.20400	5.94790	-1.54700	7.04110	.07778	.06822	.05978	425.50000	13.08300	.07555
7.644	-2.200	24.20700	5.94800	-1.54930	7.02830	.07810	.06759	.05999	424.75000	13.05900	.07548
7.645	-2.000	24.21700	5.94800	-1.55190	7.04600	.07837	.06706	.06004	425.85000	13.09200	.07551
7.628	-1.800	24.22100	5.94810	-1.55430	7.03150	.07865	.06690	.05997	425.00000	13.06500	.07557
7.623	-1.600	24.22600	5.94820	-1.55690	7.02720	.07922	.06659	.05995	424.76000	13.05700	.07533
7.644	-1.400	24.23400	5.94830	-1.55920	7.04000	.07998	.06618	.06004	425.56000	13.08100	.07496
7.645	-1.200	24.24000	5.94840	-1.56150	7.04380	.08070	.06589	.06032	425.82000	13.08800	.07464
7.634	-1.000	24.24600	5.94850	-1.56400	7.03530	.08140	.06560	.06056	425.32000	13.07200	.07445
7.634	-.800	24.25100	5.94850	-1.56650	7.03290	.08217	.06542	.06073	425.21000	13.06800	.07435
7.642	-.600	24.25900	5.94860	-1.56930	7.03210	.08276	.06544	.06090	425.18000	13.06600	.07438
7.639	-.400	24.26500	5.94870	-1.57180	7.03400	.08284	.06567	.06115	425.32000	13.07000	.07451
7.635	-.200	24.27200	5.94880	-1.57440	7.04850	.08236	.06610	.06165	426.22000	13.09700	.07480
7.636	.000	24.27900	5.94890	-1.57720	7.04780	.08165	.06652	.06187	426.20000	13.09500	.07508
7.643	.200	24.28500	5.94900	-1.57980	7.05140	.08118	.06690	.06181	426.45000	13.10200	.07540
7.655	.400	24.29600	5.94910	-1.58250	7.07490	.08079	.06725	.06152	427.90000	13.14600	.07569
7.637	.600	24.29900	5.94910	-1.58530	7.05570	.08016	.06736	.06096	426.76000	13.11000	.07582
7.640	.800	24.30500	5.94920	-1.58800	7.05730	.07943	.06727	.06028	426.88000	13.11300	.07585
7.626	1.000	24.31000	5.94930	-1.59070	7.04480	.07871	.06692	.05951	426.15000	13.09000	.07568
7.610	1.200	24.31400	5.94940	-1.59350	7.02640	.07826	.06638	.05881	425.06000	13.05500	.07542
7.609	1.400	24.31900	5.94950	-1.59630	7.02780	.07774	.06571	.05810	425.17000	13.05800	.07506
7.585	1.600	24.32000	5.94960	-1.59890	7.00450	.07738	.06512	.05748	423.79000	13.01500	.07498
7.557	1.800	24.32100	5.94960	-1.60170	6.97120	.07704	.06457	.05686	421.79000	12.95300	.07490
7.558	2.000	24.32900	5.94970	-1.60450	6.97530	.07663	.06412	.05632	422.07000	12.96100	.07468
7.571	2.200	24.33700	5.94980	-1.60750	6.99700	.07660	.06388	.05595	423.41000	13.00100	.07460
7.552	2.400	24.34100	5.94990	-1.61030	6.98330	.07634	.06372	.05554	422.60000	12.97500	.07446
7.551	2.600	24.34600	5.95000	-1.61320	6.98140	.07588	.06340	.05485	422.51000	12.97200	.07404
7.538	2.800	24.34900	5.95010	-1.61600	6.96510	.07575	.06296	.05449	421.55000	12.94200	.07374
7.562	3.000	24.35900	5.95020	-1.61900	6.98960	.07584	.06248	.05434	423.06000	12.98700	.07350
7.547	3.200	24.36100	5.95020	-1.62180	6.98610	.07590	.06194	.05414	422.87000	12.98100	.07338
7.553	3.400	24.36800	5.95030	-1.62490	6.98440	.07552	.06118	.05414	422.80000	12.97700	.07312
7.553	3.600	24.36900	5.95040	-1.62740	6.97650	.07510	.06059	.05405	422.34000	12.96300	.07282

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OA257 (LARC 20-M6-6559) OV102

(S7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2267/ 0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.576	3.800	24.37600	5.95050	-1.63020	6.99850	.07500	.06008	.05431	423.70000	13.00400	.07293
	GRADIENT	.03482	.00045	-.01336	.02777	-.00233	.00174	.00019	1.80893	.05161	.00130

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(S7E072) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 27.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 280/ O RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.241	-4.439	26.94700	5.95590	-1.77600	2.44370	.03133	.02540	.03111	148.50000	4.54050	.03344
2.238	-4.300	26.95600	5.95600	-1.77670	2.44450	.03134	.02543	.03107	148.56000	4.54190	.03346
2.240	-4.100	26.95600	5.95610	-1.77690	2.44620	.03136	.02539	.03106	148.67000	4.54500	.03341
2.240	-3.900	26.96100	5.95610	-1.77750	2.44530	.03142	.02526	.03100	148.62000	4.54340	.03331
2.239	-3.700	26.96900	5.95620	-1.77820	2.44500	.03153	.02517	.03085	148.61000	4.54280	.03311
2.238	-3.500	26.97800	5.95630	-1.77910	2.44530	.03169	.02493	.03065	148.64000	4.54340	.03290
2.239	-3.300	26.98400	5.95640	-1.77980	2.44600	.03172	.02460	.03028	148.69000	4.54470	.03263
2.243	-3.100	26.99000	5.95650	-1.78050	2.44850	.03159	.02422	.03002	148.85000	4.54940	.03235
2.237	-2.900	26.99500	5.95660	-1.78120	2.44970	.03134	.02387	.02974	148.93000	4.55150	.03202
2.235	-2.700	26.99600	5.95660	-1.78160	2.44880	.03105	.02350	.02938	148.89000	4.55000	.03174
2.235	-2.500	26.99700	5.95670	-1.78210	2.44950	.03081	.02310	.02926	148.94000	4.55110	.03149
2.236	-2.300	27.00300	5.95680	-1.78290	2.45030	.03054	.02279	.02926	149.00000	4.55270	.03128
2.237	-2.100	27.00900	5.95690	-1.78370	2.45030	.03043	.02265	.02917	149.01000	4.55280	.03111
2.234	-1.900	27.02200	5.95700	-1.78490	2.45040	.03041	.02271	.02915	149.02000	4.55290	.03098
2.233	-1.700	27.03500	5.95710	-1.78610	2.45090	.03056	.02286	.02915	149.06000	4.55380	.03101
2.235	-1.500	27.04200	5.95720	-1.78710	2.45220	.03073	.02319	.02932	149.15000	4.55620	.03104
2.234	-1.300	27.04400	5.95720	-1.78780	2.45290	.03071	.02374	.02950	149.20000	4.55760	.03115
2.234	-1.100	27.04700	5.95730	-1.78850	2.45320	.03065	.02444	.02980	149.23000	4.55810	.03130
2.240	-.900	27.05100	5.95740	-1.78930	2.45360	.03058	.02510	.03003	149.26000	4.55870	.03134
2.240	-.700	27.05700	5.95750	-1.79030	2.45350	.03051	.02542	.03013	149.26000	4.55870	.03132
2.242	-.500	27.06500	5.95760	-1.79150	2.45360	.03032	.02547	.03005	149.28000	4.55890	.03111
2.240	-.300	27.07700	5.95770	-1.79290	2.45330	.03000	.02538	.02991	149.27000	4.55820	.03080
2.238	-.100	27.08700	5.95770	-1.79420	2.45280	.02973	.02525	.02983	149.24000	4.55730	.03057
2.238	.100	27.09200	5.95780	-1.79530	2.45270	.02953	.02517	.02985	149.25000	4.55720	.03037
2.238	.300	27.10000	5.95790	-1.79650	2.45230	.02951	.02520	.02995	149.23000	4.55640	.03037
2.239	.500	27.10100	5.95800	-1.79730	2.45280	.02973	.02533	.03011	149.27000	4.55730	.03059
2.240	.700	27.10700	5.95810	-1.79840	2.45360	.03016	.02570	.03040	149.33000	4.55890	.03103
2.239	.900	27.10800	5.95820	-1.79930	2.45440	.03050	.02595	.03070	149.38000	4.56020	.03161
2.242	1.100	27.11500	5.95830	-1.80070	2.45450	.03077	.02621	.03093	149.40000	4.56050	.03218
2.249	1.300	27.12700	5.95830	-1.80230	2.45340	.03094	.02647	.03116	149.34000	4.55840	.03271
2.249	1.500	27.13800	5.95840	-1.80380	2.45280	.03117	.02669	.03150	149.32000	4.55730	.03328
2.248	1.700	27.14400	5.95850	-1.80510	2.45220	.03150	.02692	.03182	149.29000	4.55620	.03383
2.247	1.900	27.15100	5.95860	-1.80650	2.45110	.03189	.02707	.03230	149.23000	4.55420	.03439
2.244	2.100	27.15500	5.95870	-1.80760	2.44980	.03235	.02726	.03269	149.16000	4.55170	.03497
2.239	2.300	27.15700	5.95880	-1.80870	2.44800	.03283	.02743	.03303	149.06000	4.54840	.03550
2.237	2.500	27.16000	5.95890	-1.80980	2.44480	.03337	.02749	.03319	148.87000	4.54240	.03603
2.235	2.700	27.16600	5.95890	-1.81110	2.43960	.03384	.02740	.03302	148.57000	4.53280	.03640
2.235	2.900	27.17700	5.95900	-1.81290	2.43690	.03403	.02722	.03202	148.41000	4.52780	.03652
2.231	3.100	27.18600	5.95910	-1.81450	2.43360	.03422	.02710	.03111	148.21000	4.52160	.03665
2.230	3.300	27.19200	5.95920	-1.81590	2.42960	.03450	.02699	.03047	147.98000	4.51410	.03682
	GRADIENT	.03629	.00039	-.00584	-.00101	-.00066	-.00018	.00006	-.02286	-.00193	-.00059

DATE 14 DEC 82

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OA257 (LARC 20-M6-6559) DV102

(S7E072) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 266/0 RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.710	-4.483	26.51400	5.94940	-1.65690	7.06990	.08088	.06631	.06000	427.71000	13.13600	.07769
7.707	-4.300	26.51900	5.94950	-1.65920	7.05810	.08079	.06629	.06000	427.02000	13.11400	.07762
7.707	-4.100	26.52300	5.94960	-1.66140	7.06950	.08093	.06607	.06020	427.73000	13.13600	.07763
7.695	-3.900	26.52700	5.94970	-1.66380	7.06800	.08134	.06563	.06052	427.67000	13.13300	.07767
7.689	-3.700	26.53500	5.94980	-1.66650	7.06880	.08178	.06517	.06101	427.74000	13.13400	.07793
7.686	-3.500	26.54200	5.94980	-1.66920	7.06630	.08208	.06471	.06162	427.61000	13.13000	.07817
7.677	-3.300	26.54500	5.94990	-1.67170	7.05450	.08211	.06444	.06203	426.92000	13.10800	.07839
7.687	-3.100	26.55600	5.95000	-1.67450	7.06300	.08180	.06451	.06241	427.45000	13.12300	.07863
7.702	-2.900	26.56500	5.95010	-1.67710	7.07450	.08135	.06469	.06290	428.17000	13.14500	.07883
7.694	-2.700	26.57000	5.95020	-1.67970	7.06620	.08095	.06448	.06344	427.70000	13.12900	.07849
7.703	-2.500	26.57500	5.95020	-1.68240	7.05830	.08078	.06378	.06400	427.24000	13.11500	.07782
7.708	-2.300	26.58700	5.95030	-1.68510	7.07290	.08117	.06326	.06440	428.15000	13.14200	.07719
7.675	-2.100	26.59000	5.95040	-1.68780	7.05330	.08219	.06332	.06491	426.99000	13.10500	.07699
7.682	-1.900	26.59800	5.95050	-1.69060	7.05990	.08303	.06367	.06531	427.41000	13.11800	.07699
7.671	-1.700	26.60300	5.95050	-1.69330	7.05080	.08396	.06416	.06560	426.88000	13.10100	.07713
7.684	-1.500	26.61300	5.95060	-1.69620	7.06250	.08487	.06456	.06579	427.61000	13.12300	.07718
7.664	-1.300	26.61500	5.95070	-1.69900	7.03980	.08567	.06484	.06591	426.26000	13.08000	.07725
7.666	-1.100	26.62400	5.95080	-1.70190	7.04350	.08606	.06497	.06577	426.51000	13.08700	.07719
7.649	-.900	26.62600	5.95090	-1.70470	7.02680	.08546	.06504	.06494	425.52000	13.05600	.07689
7.650	-.700	26.63000	5.95090	-1.70770	7.00320	.08446	.06493	.06322	424.12000	13.01200	.07641
7.626	-.500	26.63400	5.95100	-1.71050	6.98920	.08364	.06496	.06184	423.29000	12.98600	.07610
7.627	-.300	26.64200	5.95110	-1.71340	6.98710	.08293	.06535	.06084	423.19000	12.98200	.07595
7.611	-.100	26.64600	5.95120	-1.71600	6.98300	.08273	.06612	.06022	422.96000	12.97500	.07616
7.601	.100	26.65100	5.95130	-1.71880	6.97800	.08266	.06695	.05979	422.68000	12.96600	.07641
7.624	.300	26.66200	5.95130	-1.72170	7.00070	.08254	.06747	.05932	424.08000	13.00800	.07673
7.610	.500	26.66800	5.95140	-1.72450	6.99290	.08233	.06758	.05897	423.63000	12.99300	.07696
7.622	.700	26.67700	5.95150	-1.72760	7.00860	.08190	.06739	.05851	424.60000	13.02200	.07703
7.621	.900	26.68400	5.95160	-1.73050	7.00590	.08145	.06716	.05802	424.46000	13.01700	.07703
7.629	1.100	26.69300	5.95160	-1.73370	7.00780	.08142	.06700	.05735	424.60000	13.02100	.07703
7.624	1.300	26.69200	5.95170	-1.73620	7.00730	.08145	.06681	.05688	424.59000	13.02000	.07711
7.636	1.500	26.70200	5.95180	-1.73950	7.01570	.08157	.06645	.05658	425.13000	13.03600	.07732
7.650	1.700	26.70600	5.95190	-1.74250	7.01430	.08179	.06619	.05655	425.06000	13.03300	.07773
7.666	1.900	26.71600	5.95200	-1.74560	7.02930	.08204	.06587	.05668	426.00000	13.06100	.07827
7.663	2.100	26.72000	5.95200	-1.74870	7.03670	.08223	.06562	.05697	426.47000	13.07400	.07878
7.640	2.300	26.72200	5.95210	-1.75160	7.02860	.08287	.06558	.05741	426.00000	13.05900	.07945
7.642	2.500	26.73200	5.95220	-1.75500	7.03550	.08349	.06568	.05787	426.44000	13.07200	.07997
7.650	2.700	26.73400	5.95230	-1.75800	7.03060	.08401	.06575	.05809	426.17000	13.06300	.08053
7.647	2.900	26.74100	5.95240	-1.76140	7.03700	.08429	.06581	.05771	426.58000	13.07500	.08106
7.641	3.100	26.74700	5.95240	-1.76460	7.03120	.08450	.06597	.05691	426.25000	13.06400	.08168
7.645	3.300	26.75300	5.95250	-1.76790	7.04030	.08455	.06608	.05608	426.83000	13.08100	.08205
7.652	3.500	26.76100	5.95260	-1.77080	7.05890	.08471	.06615	.05558	427.98000	13.11600	.08244
7.632	3.700	26.76600	5.95270	-1.77420	7.04270	.08513	.06607	.05484	427.02000	13.08600	.08293
GRADIENT	.03357	.00039	-.01396	.00776	-.00111	.00290	-.00276	.58429	.01486	.00099	

DATE 14 DEC 82

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0A257 (LARC 20-M6-6559) DV102

(S7E172) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	27.500	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2280/ 0 RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.241	-4.400	26.94900	5.95590	-1.77620	2.44430	.03132	.02541	.03108	148.54000	4.54160	.03345
2.238	-4.200	26.95500	5.95600	-1.77680	2.44580	.03134	.02540	.03107	148.64000	4.54440	.03345
2.241	-4.000	26.96100	5.95610	-1.77730	2.44580	.03136	.02529	.03101	148.65000	4.54430	.03337
2.239	-3.800	26.96200	5.95620	-1.77770	2.44520	.03146	.02522	.03096	148.62000	4.54320	.03321
2.239	-3.600	26.97400	5.95630	-1.77880	2.44530	.03161	.02506	.03075	148.64000	4.54340	.03300
2.238	-3.400	26.98100	5.95630	-1.77940	2.44600	.03172	.02478	.03044	148.68000	4.54460	.03278
2.242	-3.200	26.98700	5.95640	-1.78020	2.44700	.03168	.02441	.03016	148.76000	4.54660	.03249
2.240	-3.000	26.99300	5.95650	-1.78090	2.44940	.03146	.02406	.02984	148.91000	4.55100	.03218
2.235	-2.800	26.99400	5.95660	-1.78140	2.44920	.03120	.02368	.02954	148.91000	4.55060	.03187
2.236	-2.600	26.99800	5.95670	-1.78200	2.44930	.03094	.02332	.02929	148.92000	4.55080	.03160
2.236	-2.400	27.00000	5.95680	-1.78250	2.44990	.03070	.02292	.02921	148.97000	4.55200	.03138
2.237	-2.200	27.00900	5.95690	-1.78340	2.45040	.03047	.02270	.02919	149.00000	4.55280	.03120
2.235	-2.000	27.01400	5.95690	-1.78410	2.44960	.03036	.02268	.02915	148.97000	4.55140	.03105
2.234	-1.800	27.03000	5.95700	-1.78560	2.45110	.03047	.02275	.02914	149.07000	4.55420	.03101
2.235	-1.600	27.03700	5.95710	-1.78660	2.45190	.03067	.02301	.02918	149.12000	4.55560	.03104
2.234	-1.400	27.04500	5.95720	-1.78750	2.45220	.03072	.02339	.02936	149.15000	4.55610	.03110
2.234	-1.200	27.04300	5.95730	-1.78790	2.45300	.03070	.02409	.02965	149.21000	4.55780	.03124
2.237	-1.000	27.04700	5.95740	-1.78880	2.45350	.03059	.02481	.02993	149.25000	4.55870	.03133
2.240	-.800	27.05400	5.95740	-1.78980	2.45350	.03056	.02528	.03011	149.25000	4.55860	.03135
2.241	-.600	27.06000	5.95750	-1.79080	2.45450	.03046	.02543	.03013	149.33000	4.56050	.03121
2.242	-.400	27.06900	5.95760	-1.79210	2.45360	.03018	.02545	.02997	149.28000	4.55880	.03094
2.239	-.200	27.08200	5.95770	-1.79360	2.45280	.02984	.02532	.02986	149.24000	4.55740	.03068
2.238	.000	27.09000	5.95780	-1.79480	2.45320	.02962	.02520	.02982	149.27000	4.55800	.03044
2.238	.200	27.09600	5.95790	-1.79590	2.45210	.02950	.02518	.02988	149.22000	4.55610	.03035
2.238	.400	27.10100	5.95800	-1.79690	2.45280	.02957	.02522	.03003	149.27000	4.55730	.03046
2.241	.600	27.10200	5.95800	-1.79780	2.45350	.02991	.02550	.03024	149.32000	4.55870	.03075
2.239	.800	27.10500	5.95810	-1.79880	2.45400	.03037	.02581	.03051	149.35000	4.55950	.03132
2.240	1.000	27.11200	5.95820	-1.80010	2.45460	.03065	.02606	.03080	149.40000	4.56070	.03190
2.245	1.200	27.12200	5.95830	-1.80150	2.45390	.03089	.02636	.03104	149.37000	4.55940	.03244
2.250	1.400	27.13400	5.95840	-1.80310	2.45330	.03104	.02659	.03135	149.34000	4.55830	.03299
2.247	1.600	27.14100	5.95850	-1.80450	2.45230	.03134	.02677	.03168	149.29000	4.55630	.03356
2.248	1.800	27.14700	5.95860	-1.80580	2.45190	.03169	.02701	.03209	149.28000	4.55570	.03410
2.245	2.000	27.15300	5.95860	-1.80700	2.45010	.03211	.02715	.03251	149.17000	4.55230	.03468
2.241	2.200	27.15600	5.95870	-1.80820	2.44810	.03258	.02734	.03288	149.06000	4.54860	.03523
2.238	2.400	27.15800	5.95880	-1.80930	2.44620	.03309	.02746	.03310	148.95000	4.54510	.03579
2.236	2.600	27.16100	5.95890	-1.81040	2.44150	.03364	.02744	.03319	148.68000	4.53630	.03625
2.236	2.800	27.17000	5.95900	-1.81200	2.43800	.03393	.02733	.03256	148.47000	4.52980	.03646
2.234	3.000	27.18200	5.95910	-1.81370	2.43620	.03410	.02719	.03151	148.37000	4.52650	.03657
2.229	3.200	27.18900	5.95920	-1.81520	2.43140	.03433	.02704	.03079	148.09000	4.51750	.03676
2.230	3.314	27.19300	5.95920	-1.81600	2.42940	.03452	.02699	.03043	147.97000	4.51380	.03683
GRADIENT	.03643	.00045	-.00588	-.00095	-.00057	-.00007	.00009	-.01250	-.00173	-.00047	

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(S7E172) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 27.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2266/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.707	-4.400	26.51800	5.94950	-1.65830	7.05940	.08084	.06631	.06000	427.09000	13.11700	.07767
7.707	-4.200	26.52100	5.94960	-1.66030	7.06070	.08087	.06620	.06008	427.19000	13.11900	.07764
7.703	-4.000	26.52800	5.94970	-1.66270	7.07190	.08112	.06588	.06035	427.89000	13.14000	.07764
7.698	-3.800	26.53100	5.94970	-1.66510	7.07380	.08157	.06543	.06079	428.03000	13.14400	.07778
7.684	-3.600	26.53900	5.94980	-1.66790	7.06510	.08194	.06490	.06130	427.53000	13.12700	.07806
7.677	-3.400	26.54200	5.94990	-1.67050	7.05600	.08214	.06456	.06183	427.00000	13.11100	.07829
7.688	-3.200	26.55200	5.95000	-1.67310	7.06360	.08194	.06442	.06226	427.48000	13.12500	.07850
7.690	-3.000	26.55900	5.95000	-1.67580	7.06550	.08156	.06462	.06262	427.62000	13.12800	.07875
7.703	-2.800	26.56700	5.95010	-1.67830	7.07430	.08118	.06470	.06314	428.17000	13.14400	.07875
7.696	-2.600	26.57400	5.95020	-1.68120	7.06160	.08081	.06415	.06374	427.43000	13.12100	.07816
7.705	-2.400	26.58100	5.95030	-1.68370	7.06170	.08086	.06346	.06425	427.46000	13.12100	.07745
7.696	-2.200	26.58700	5.95040	-1.68620	7.06900	.08162	.06318	.06465	427.92000	13.13500	.07707
7.670	-2.000	26.59200	5.95040	-1.68920	7.04810	.08263	.06347	.06513	426.68000	13.09600	.07697
7.684	-1.800	26.60200	5.95050	-1.69190	7.06140	.08353	.06394	.06549	427.51000	13.12100	.07705
7.676	-1.600	26.60700	5.95060	-1.69470	7.05570	.08443	.06436	.06568	427.19000	13.11000	.07712
7.677	-1.400	26.61500	5.95070	-1.69770	7.05370	.08530	.06474	.06588	427.09000	13.10600	.07724
7.671	-1.200	26.62200	5.95070	-1.70050	7.04600	.08592	.06490	.06585	426.65000	13.09200	.07722
7.653	-1.000	26.62400	5.95080	-1.70330	7.03380	.08584	.06503	.06548	425.93000	13.06900	.07706
7.650	-.800	26.62700	5.95090	-1.70620	7.01400	.08498	.06498	.06418	424.75000	13.03200	.07664
7.646	-.600	26.63400	5.95100	-1.70900	7.00530	.08405	.06490	.06241	424.25000	13.01600	.07622
7.624	-.400	26.63600	5.95110	-1.71190	6.98260	.08321	.06511	.06130	422.90000	12.97400	.07600
7.621	-.200	26.64400	5.95110	-1.71480	6.98700	.08275	.06571	.06047	423.19000	12.98200	.07598
7.601	.000	26.64600	5.95120	-1.71730	6.97690	.08271	.06655	.06000	422.60000	12.96300	.07631
7.614	.200	26.65700	5.95130	-1.72020	6.99100	.08263	.06723	.05955	423.48000	12.99000	.07655
7.618	.400	26.66600	5.95140	-1.72310	6.99720	.08249	.06763	.05920	423.88000	13.00100	.07689
7.616	.600	26.67100	5.95140	-1.72600	6.99970	.08213	.06749	.05876	424.05000	13.00600	.07697
7.627	.800	26.68200	5.95150	-1.72910	7.01170	.08164	.06728	.05822	424.80000	13.02800	.07703
7.625	1.000	26.68700	5.95160	-1.73200	7.00700	.08139	.06709	.05767	424.54000	13.01900	.07704
7.634	1.200	26.69300	5.95170	-1.73500	7.01310	.08146	.06691	.05711	424.93000	13.03100	.07702
7.619	1.400	26.69600	5.95180	-1.73780	7.00390	.08150	.06664	.05668	424.40000	13.01400	.07719
7.649	1.600	26.70600	5.95180	-1.74100	7.02060	.08166	.06631	.05653	425.43000	13.04500	.07748
7.660	1.800	26.71100	5.95190	-1.74420	7.01840	.08188	.06606	.05658	425.32000	13.04000	.07800
7.662	2.000	26.71600	5.95200	-1.74700	7.03060	.08210	.06575	.05674	426.09000	13.06300	.07853
7.654	2.200	26.72500	5.95210	-1.75030	7.03680	.08251	.06557	.05715	426.49000	13.07500	.07911
7.641	2.400	26.72800	5.95220	-1.75340	7.03260	.08321	.06561	.05766	426.26000	13.06700	.07972
7.640	2.600	26.73100	5.95220	-1.75640	7.03310	.08376	.06571	.05800	426.31000	13.06800	.08018
7.650	2.800	26.73800	5.95230	-1.75970	7.03300	.08414	.06576	.05799	426.32000	13.06800	.08076
7.643	3.000	26.74400	5.95240	-1.76300	7.03700	.08444	.06588	.05734	426.59000	13.07500	.08139
7.649	3.200	26.75000	5.95250	-1.76620	7.03770	.08452	.06601	.05646	426.66000	13.07600	.08189
7.649	3.400	26.75800	5.95260	-1.76940	7.05000	.08459	.06611	.05582	427.43000	13.09900	.08222
7.637	3.600	26.76200	5.95260	-1.77250	7.04870	.08492	.06616	.05522	427.37000	13.09700	.08272
7.654	3.797	26.76400	5.95270	-1.77530	7.05830	.08545	.06599	.05447	427.99000	13.11500	.08325
	GRADIENT	.03286	.00036	-.01407	.00293	-.00131	.00256	-.00287	.29465	.00571	.00083

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OA257 (LARC 20-M6-6559) OV102

(S7E073) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 279/0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.268	-4.719	29.39700	5.95410	-1.92300	2.44760	.03546	.02642	.03330	148.55000	4.54760	.03568
2.278	-4.600	29.41200	5.95420	-1.92390	2.44710	.03555	.02656	.03347	148.53000	4.54690	.03577
2.279	-4.400	29.41700	5.95430	-1.92440	2.44750	.03543	.02650	.03341	148.57000	4.54760	.03563
2.278	-4.200	29.41500	5.95440	-1.92450	2.44780	.03520	.02635	.03306	148.59000	4.54810	.03532
2.274	-4.000	29.41800	5.95450	-1.92490	2.44770	.03493	.02613	.03260	148.60000	4.54800	.03496
2.267	-3.800	29.42300	5.95460	-1.92550	2.44920	.03466	.02593	.03215	148.70000	4.55070	.03457
2.263	-3.600	29.42700	5.95470	-1.92600	2.45020	.03436	.02569	.03173	148.76000	4.55250	.03416
2.266	-3.400	29.43200	5.95470	-1.92670	2.45220	.03394	.02544	.03149	148.90000	4.55620	.03375
2.264	-3.200	29.43900	5.95480	-1.92740	2.45300	.03349	.02530	.03129	148.96000	4.55780	.03326
2.266	-3.000	29.44700	5.95490	-1.92820	2.45260	.03301	.02521	.03100	148.94000	4.55710	.03285
2.272	-2.800	29.45800	5.95500	-1.92920	2.45270	.03251	.02535	.03096	148.96000	4.55720	.03254
2.274	-2.600	29.46900	5.95510	-1.93030	2.45220	.03208	.02543	.03083	148.94000	4.55630	.03231
2.276	-2.400	29.47200	5.95520	-1.93090	2.45160	.03171	.02543	.03069	148.91000	4.55520	.03209
2.274	-2.200	29.47800	5.95530	-1.93170	2.45190	.03142	.02536	.03057	148.94000	4.55570	.03190
2.272	-2.000	29.48100	5.95540	-1.93230	2.45290	.03106	.02520	.03042	149.01000	4.55760	.03163
2.278	-1.800	29.48800	5.95550	-1.93320	2.45280	.03064	.02490	.03028	149.01000	4.55740	.03146
2.282	-1.600	29.49100	5.95560	-1.93400	2.45400	.03016	.02449	.03011	149.10000	4.55960	.03132
2.276	-1.400	29.49700	5.95570	-1.93500	2.45410	.02983	.02419	.03011	149.11000	4.55970	.03138
2.270	-1.200	29.50400	5.95580	-1.93590	2.45490	.02964	.02409	.03013	149.17000	4.56120	.03151
2.266	-1.000	29.51400	5.95590	-1.93720	2.45510	.02958	.02416	.03024	149.19000	4.56160	.03163
2.267	-.800	29.53000	5.95600	-1.93890	2.45560	.02953	.02427	.03038	149.23000	4.56250	.03180
2.267	-.600	29.53800	5.95610	-1.94000	2.45490	.02965	.02451	.03052	149.20000	4.56120	.03209
2.267	-.400	29.54600	5.95620	-1.94130	2.45590	.02987	.02483	.03094	149.27000	4.56310	.03247
2.268	-.200	29.55400	5.95620	-1.94260	2.45720	.03023	.02528	.03134	149.36000	4.56550	.03298
2.270	.000	29.55800	5.95630	-1.94360	2.45780	.03065	.02579	.03205	149.40000	4.56660	.03342
2.269	.200	29.56300	5.95640	-1.94490	2.45790	.03102	.02624	.03262	149.42000	4.56680	.03383
2.268	.400	29.56800	5.95650	-1.94600	2.45880	.03139	.02666	.03332	149.48000	4.56850	.03413
2.270	.600	29.57600	5.95660	-1.94730	2.46000	.03183	.02696	.03406	149.57000	4.57070	.03460
2.273	.800	29.57900	5.95670	-1.94860	2.46070	.03218	.02709	.03468	149.62000	4.57200	.03500
2.270	1.000	29.59100	5.95680	-1.95020	2.45790	.03241	.02725	.03510	149.46000	4.56690	.03524
2.271	1.200	29.60100	5.95690	-1.95180	2.45790	.03248	.02730	.03539	149.47000	4.56680	.03537
2.270	1.400	29.60800	5.95700	-1.95310	2.45790	.03264	.02738	.03563	149.48000	4.56670	.03549
2.272	1.600	29.61900	5.95710	-1.95480	2.45780	.03271	.02736	.03571	149.49000	4.56670	.03558
2.278	1.800	29.62700	5.95720	-1.95630	2.45820	.03300	.02736	.03553	149.52000	4.56740	.03589
2.285	2.000	29.62900	5.95730	-1.95740	2.45890	.03350	.02739	.03546	149.57000	4.56860	.03635
2.278	2.200	29.63400	5.95740	-1.95870	2.45840	.03406	.02748	.03531	149.55000	4.56770	.03685
2.282	2.400	29.64200	5.95750	-1.96010	2.45970	.03459	.02760	.03538	149.64000	4.57010	.03740
2.285	2.600	29.64600	5.95760	-1.96140	2.45980	.03518	.02779	.03559	149.66000	4.57040	.03804
2.284	2.800	29.65400	5.95770	-1.96280	2.46080	.03577	.02802	.03591	149.73000	4.57220	.03877
2.281	3.000	29.66100	5.95780	-1.96440	2.46020	.03651	.02839	.03649	149.70000	4.57110	.03961
2.277	3.200	29.67200	5.95790	-1.96620	2.46040	.03716	.02874	.03694	149.72000	4.57150	.04041
2.276	3.400	29.68600	5.95800	-1.96810	2.46030	.03781	.02913	.03727	149.72000	4.57120	.04121

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0A257 (LARC 20-M6-6559) OV102

(S7E073) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

PARAMETRIC DATA

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 279/O RN/L = 2.27 GRADIENT INTERVAL = -.60/- .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.276	3.600	29.68600	5.95810	-1.96930	2.45980	.03868	.02960	.03747	149.71000	4.57030	.04225
	GRADIENT	.02982	.00041	-.00600	.00389	.00185	.00214	.00298	.28393	.00725	.00209

DATE 14 DEC 82

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0A257 (LARC 20-M6-6559) DV102

(S7E073) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 265/ 0 RN/L = 7.70 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.752	-4.648	28.98500	5.94750	-1.79330	7.10410	.08988	.06835	.06404	429.20000	13.20000	.08254
7.737	-4.500	28.99600	5.94760	-1.79540	7.10160	.09001	.06825	.06400	429.07000	13.19500	.08236
7.727	-4.300	28.99800	5.94770	-1.79760	7.09420	.09038	.06761	.06408	428.64000	13.18200	.08202
7.733	-4.100	28.99700	5.94770	-1.80000	7.09350	.09080	.06685	.06422	428.63000	13.18000	.08170
7.725	-3.900	29.00200	5.94780	-1.80260	7.09740	.09117	.06611	.06449	428.88000	13.18700	.08145
7.703	-3.700	29.00500	5.94790	-1.80590	7.06700	.09149	.06540	.06470	427.07000	13.13100	.08111
7.738	-3.500	29.01400	5.94800	-1.80830	7.08790	.09168	.06463	.06507	428.36000	13.17000	.08081
7.716	-3.300	29.02200	5.94810	-1.81110	7.08240	.09194	.06411	.06570	428.05000	13.16000	.08070
7.705	-3.100	29.03000	5.94810	-1.81390	7.08570	.09184	.06367	.06656	428.28000	13.16600	.08058
7.716	-2.900	29.04100	5.94820	-1.81660	7.10140	.09193	.06343	.06748	429.25000	13.19500	.08055
7.721	-2.700	29.05100	5.94830	-1.81950	7.10350	.09232	.06323	.06851	429.40000	13.19900	.08063
7.709	-2.500	29.05900	5.94840	-1.82250	7.09490	.09249	.06338	.06953	428.91000	13.18300	.08064
7.708	-2.300	29.06600	5.94850	-1.82510	7.09380	.09170	.06374	.07023	428.86000	13.18100	.08066
7.713	-2.100	29.07100	5.94850	-1.82790	7.09810	.09010	.06417	.07057	429.15000	13.18900	.08073
7.737	-1.900	29.08300	5.94860	-1.83100	7.10780	.08859	.06463	.07053	429.76000	13.20700	.08091
7.712	-1.700	29.08800	5.94870	-1.83390	7.08800	.08748	.06513	.07042	428.58000	13.17000	.08117
7.698	-1.500	29.08900	5.94880	-1.83680	7.08070	.08662	.06562	.07020	428.17000	13.15600	.08141
7.709	-1.300	29.09500	5.94890	-1.83940	7.08950	.08623	.06610	.07026	428.72000	13.17300	.08187
7.699	-1.100	29.09900	5.94900	-1.84240	7.08430	.08592	.06646	.07048	428.43000	13.16300	.08247
7.684	-.900	29.10200	5.94900	-1.84540	7.06970	.08583	.06694	.07095	427.57000	13.13600	.08317
7.707	-.700	29.10900	5.94910	-1.84830	7.08050	.08586	.06734	.07109	428.25000	13.15600	.08408
7.707	-.500	29.11800	5.94920	-1.85150	7.08330	.08631	.06782	.07096	428.45000	13.16100	.08494
7.707	-.300	29.12400	5.94930	-1.85450	7.08010	.08672	.06812	.07056	428.28000	13.15500	.08549
7.716	-.100	29.13600	5.94940	-1.85790	7.09880	.08697	.06817	.06960	429.43000	13.19000	.08568
7.684	.100	29.13900	5.94940	-1.86140	7.06910	.08725	.06816	.06860	427.66000	13.13500	.08577
7.704	.300	29.14900	5.94950	-1.86450	7.08310	.08726	.06785	.06760	428.53000	13.16100	.08564
7.696	.500	29.16000	5.94960	-1.86830	7.08730	.08748	.06777	.06711	428.80000	13.16900	.08572
7.695	.700	29.16900	5.94970	-1.87170	7.08710	.08787	.06789	.06681	428.82000	13.16800	.08603
7.692	.900	29.17300	5.94980	-1.87520	7.06960	.08829	.06814	.06629	427.78000	13.13600	.08624
7.693	1.100	29.18000	5.94980	-1.87860	7.05720	.08846	.06832	.06538	427.06000	13.11300	.08643
7.680	1.300	29.18700	5.94990	-1.88190	7.06050	.08867	.06877	.06467	427.28000	13.11900	.08664
7.659	1.500	29.19100	5.95000	-1.88530	7.04870	.08865	.06922	.06410	426.59000	13.09700	.08684
7.662	1.700	29.19600	5.95010	-1.88860	7.05060	.08850	.06972	.06365	426.73000	13.10000	.08704
7.663	1.900	29.19800	5.95020	-1.89180	7.04810	.08845	.07027	.06349	426.60000	13.09600	.08726
7.674	2.100	29.19900	5.95030	-1.89490	7.03690	.08852	.07070	.06367	425.95000	13.07500	.08750
7.648	2.300	29.20400	5.95030	-1.89820	7.02900	.08862	.07080	.06398	425.50000	13.06000	.08761
7.660	2.500	29.21100	5.95040	-1.90160	7.04320	.08902	.07089	.06446	426.38000	13.08700	.08796
7.652	2.700	29.21600	5.95050	-1.90480	7.04930	.08982	.07107	.06517	426.78000	13.09800	.08857
7.660	2.900	29.22700	5.95060	-1.90850	7.06100	.09083	.07143	.06602	427.51000	13.12000	.08938
7.660	3.100	29.23200	5.95070	-1.91190	7.06120	.09189	.07206	.06702	427.54000	13.12000	.09020
7.686	3.295	29.23800	5.95070	-1.91500	7.06410	.09230	.07239	.06757	427.74000	13.12500	.09049
	GRADIENT	.04114	.00037	-.01679	-.00010	.00110	-.00015	-.00415	.10429	.00043	.00064

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0A257 (LARC 20-M6-6559) OV102

(S7E173) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2279/ 0 RN/L = 2.27 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.271	-4.700	29.40200	5.95410	-1.92330	2.44760	.03548	.02647	.03335	148.55000	4.54760	.03571
2.278	-4.500	29.41400	5.95420	-1.92420	2.44660	.03553	.02656	.03350	148.51000	4.54590	.03573
2.278	-4.300	29.41500	5.95430	-1.92450	2.44780	.03533	.02641	.03330	148.59000	4.54810	.03549
2.277	-4.100	29.41800	5.95440	-1.92480	2.44760	.03508	.02623	.03285	148.58000	4.54770	.03516
2.270	-3.900	29.42000	5.95450	-1.92520	2.44830	.03478	.02602	.03236	148.64000	4.54910	.03475
2.264	-3.700	29.42500	5.95460	-1.92580	2.45000	.03453	.02580	.03191	148.75000	4.55220	.03437
2.265	-3.500	29.42900	5.95470	-1.92640	2.45120	.03416	.02558	.03161	148.83000	4.55440	.03395
2.265	-3.300	29.43700	5.95480	-1.92710	2.45310	.03370	.02535	.03140	148.96000	4.55790	.03349
2.264	-3.100	29.44300	5.95490	-1.92770	2.45260	.03326	.02523	.03115	148.94000	4.55700	.03306
2.269	-2.900	29.45000	5.95500	-1.92860	2.45260	.03275	.02527	.03098	148.95000	4.55710	.03270
2.274	-2.700	29.46100	5.95510	-1.92960	2.45240	.03229	.02541	.03090	148.94000	4.55660	.03245
2.276	-2.500	29.47000	5.95520	-1.93050	2.45190	.03188	.02543	.03073	148.92000	4.55560	.03221
2.276	-2.300	29.47600	5.95530	-1.93130	2.45160	.03157	.02541	.03063	148.92000	4.55520	.03197
2.273	-2.100	29.48000	5.95530	-1.93200	2.45260	.03128	.02532	.03053	148.99000	4.55700	.03175
2.273	-1.900	29.48400	5.95540	-1.93270	2.45240	.03085	.02506	.03035	148.98000	4.55660	.03154
2.282	-1.700	29.48900	5.95550	-1.93370	2.45300	.03034	.02472	.03016	149.03000	4.55770	.03139
2.280	-1.500	29.49400	5.95560	-1.93450	2.45410	.02998	.02431	.03010	149.11000	4.55980	.03134
2.273	-1.300	29.50000	5.95570	-1.93540	2.45450	.02973	.02414	.03013	149.14000	4.56050	.03147
2.268	-1.100	29.50700	5.95580	-1.93650	2.45530	.02963	.02412	.03015	149.20000	4.56200	.03157
2.265	-.900	29.52000	5.95590	-1.93790	2.45470	.02954	.02422	.03029	149.17000	4.56090	.03170
2.267	-.700	29.53500	5.95600	-1.93950	2.45490	.02959	.02439	.03040	149.20000	4.56130	.03191
2.267	-.500	29.54100	5.95610	-1.94070	2.45520	.02975	.02467	.03068	149.22000	4.56180	.03228
2.267	-.300	29.55000	5.95620	-1.94190	2.45590	.03004	.02504	.03110	149.27000	4.56310	.03274
2.270	-.100	29.55700	5.95630	-1.94320	2.45810	.03041	.02552	.03165	149.42000	4.56720	.03319
2.269	.100	29.56100	5.95640	-1.94430	2.45760	.03086	.02603	.03231	149.40000	4.56630	.03362
2.268	.300	29.56600	5.95650	-1.94540	2.45820	.03121	.02644	.03298	149.44000	4.56730	.03398
2.269	.500	29.57000	5.95660	-1.94660	2.45950	.03160	.02686	.03366	149.53000	4.56980	.03432
2.272	.700	29.57500	5.95670	-1.94780	2.46050	.03200	.02703	.03440	149.60000	4.57170	.03481
2.272	.900	29.58300	5.95680	-1.94920	2.46000	.03234	.02716	.03488	149.58000	4.57080	.03514
2.271	1.100	29.59600	5.95690	-1.95100	2.45780	.03244	.02728	.03529	149.46000	4.56660	.03530
2.270	1.300	29.60400	5.95700	-1.95240	2.45760	.03254	.02734	.03551	149.45000	4.56620	.03544
2.270	1.500	29.61700	5.95710	-1.95430	2.45840	.03265	.02738	.03571	149.51000	4.56770	.03553
2.274	1.700	29.62200	5.95720	-1.95550	2.45740	.03281	.02735	.03565	149.47000	4.56600	.03572
2.285	1.900	29.62700	5.95720	-1.95680	2.45920	.03319	.02737	.03548	149.58000	4.56920	.03611
2.281	2.100	29.63100	5.95730	-1.95800	2.45880	.03376	.02743	.03538	149.57000	4.56850	.03658
2.279	2.300	29.63700	5.95740	-1.95930	2.45920	.03435	.02752	.03534	149.60000	4.56930	.03714
2.285	2.500	29.64200	5.95750	-1.96070	2.45990	.03488	.02766	.03546	149.66000	4.57060	.03770
2.285	2.700	29.64600	5.95760	-1.96190	2.46020	.03549	.02788	.03576	149.69000	4.57110	.03841
2.282	2.900	29.65700	5.95770	-1.96360	2.46070	.03619	.02821	.03629	149.72000	4.57190	.03921
2.280	3.100	29.66700	5.95780	-1.96520	2.46050	.03682	.02860	.03671	149.72000	4.57160	.04000
2.276	3.300	29.67700	5.95790	-1.96700	2.46040	.03744	.02891	.03705	149.72000	4.57140	.04079
2.275	3.500	29.69100	5.95800	-1.96900	2.45950	.03815	.02932	.03739	149.68000	4.56970	.04161

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OA257 (LARC 20-M6-6559) OV102

(S7E173) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2279/0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.276	3.611	29.68700	5.95810	-1.96940	2.46000	.03879	.02967	.03749	149.72000	4.57080	.04240
	GRADIENT	.02814	.00050	-.00587	.00399	.00189	.00224	.00303	.29143	.00739	.00205

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DA257 (LARC 20-M6-6559) OV102

(S7E173) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2265/ 0 RN/L = 7.70 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.743	-4.600	28.98900	5.94750	-1.79370	7.10560	.08989	.06833	.06400	429.30000	13.20300	.08245
7.734	-4.400	28.99400	5.94760	-1.79650	7.09840	.09019	.06802	.06403	428.88000	13.18900	.08224
7.726	-4.200	28.99100	5.94770	-1.79880	7.08940	.09058	.06719	.06418	428.37000	13.17300	.08188
7.729	-4.000	29.00200	5.94780	-1.80140	7.09900	.09100	.06640	.06436	428.97000	13.19100	.08160
7.710	-3.800	29.00100	5.94790	-1.80420	7.07990	.09135	.06581	.06458	427.84000	13.15500	.08133
7.727	-3.600	29.01000	5.94790	-1.80710	7.08000	.09151	.06501	.06481	427.87000	13.15500	.08092
7.732	-3.400	29.01900	5.94800	-1.80980	7.08550	.09181	.06435	.06541	428.23000	13.16500	.08075
7.705	-3.200	29.02700	5.94810	-1.81270	7.08020	.09197	.06390	.06606	427.93000	13.15600	.08064
7.713	-3.000	29.03600	5.94820	-1.81510	7.09730	.09187	.06356	.06696	428.99000	13.18700	.08055
7.713	-2.800	29.04500	5.94830	-1.81790	7.09790	.09208	.06329	.06794	429.05000	13.18800	.08057
7.720	-2.600	29.05500	5.94830	-1.82100	7.10250	.09251	.06327	.06907	429.36000	13.19700	.08064
7.708	-2.400	29.06000	5.94840	-1.82360	7.09390	.09220	.06355	.06989	428.85000	13.18100	.08064
7.713	-2.200	29.07200	5.94850	-1.82650	7.09950	.09099	.06397	.07045	429.22000	13.19100	.08067
7.719	-2.000	29.07700	5.94860	-1.82950	7.09680	.08931	.06440	.07058	429.08000	13.18600	.08082
7.728	-1.800	29.08500	5.94870	-1.83240	7.09860	.08798	.06487	.07047	429.21000	13.19000	.08104
7.707	-1.600	29.08900	5.94880	-1.83540	7.08690	.08700	.06539	.07027	428.53000	13.16800	.08126
7.706	-1.400	29.09100	5.94880	-1.83800	7.08560	.08635	.06587	.07020	428.47000	13.16500	.08162
7.703	-1.200	29.09700	5.94890	-1.84090	7.08590	.08610	.06630	.07031	428.52000	13.16600	.08218
7.689	-1.000	29.10000	5.94900	-1.84390	7.07670	.08582	.06667	.07071	427.99000	13.14900	.08278
7.690	-.800	29.10400	5.94910	-1.84690	7.06880	.08584	.06713	.07106	427.53000	13.13400	.08364
7.710	-.600	29.11700	5.94920	-1.85000	7.08620	.08610	.06762	.07110	428.61000	13.16700	.08461
7.706	-.400	29.12000	5.94920	-1.85300	7.08020	.08650	.06800	.07084	428.27000	13.15600	.08527
7.703	-.200	29.12800	5.94930	-1.85620	7.07980	.08681	.06817	.07012	428.27000	13.15500	.08562
7.698	.000	29.13800	5.94940	-1.85970	7.08640	.08716	.06821	.06905	428.69000	13.16700	.08578
7.684	.200	29.14300	5.94950	-1.86300	7.06600	.08720	.06801	.06806	427.49000	13.12900	.08568
7.692	.400	29.15200	5.94960	-1.86640	7.07740	.08741	.06784	.06742	428.20000	13.15000	.08572
7.705	.600	29.16700	5.94960	-1.87000	7.09900	.08764	.06779	.06694	429.53000	13.19000	.08586
7.688	.800	29.17100	5.94970	-1.87350	7.07290	.08809	.06801	.06664	427.97000	13.14200	.08618
7.699	1.000	29.17700	5.94980	-1.87690	7.06510	.08835	.06819	.06586	427.52000	13.12700	.08635
7.686	1.200	29.18300	5.94990	-1.88020	7.05790	.08857	.06852	.06500	427.11000	13.11400	.08651
7.658	1.400	29.18500	5.95000	-1.88340	7.04590	.08873	.06905	.06437	426.41000	13.09200	.08676
7.665	1.600	29.19400	5.95000	-1.88710	7.05540	.08854	.06945	.06384	427.01000	13.10900	.08691
7.659	1.800	29.19900	5.95010	-1.89030	7.04710	.08845	.07001	.06354	426.53000	13.09400	.08714
7.671	2.000	29.20100	5.95020	-1.89360	7.04090	.08849	.07053	.06353	426.18000	13.08200	.08739
7.660	2.200	29.20100	5.95030	-1.89650	7.03140	.08851	.07076	.06377	425.63000	13.06500	.08750
7.648	2.400	29.20600	5.95040	-1.89990	7.03150	.08881	.07085	.06423	425.66000	13.06500	.08776
7.660	2.600	29.21600	5.95050	-1.90330	7.04980	.08934	.07097	.06474	426.79000	13.09900	.08825
7.652	2.800	29.22100	5.95050	-1.90660	7.05190	.09035	.07124	.06559	426.94000	13.10300	.08898
7.667	3.000	29.23000	5.95060	-1.91030	7.06850	.09140	.07173	.06655	427.98000	13.13400	.08982
7.670	3.200	29.23600	5.95070	-1.91360	7.06240	.09213	.07223	.06739	427.63000	13.12200	.09038
GRADIENT	.04089	.00039	-.01671	.00339	.00122	.00001	-.00382	.32857	.00554	.00084	

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DA257 (LARC 20-M6-6559) OV102

(S7E074) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 296/ O RN/L = 2.25 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.255	-4.924	31.70500	5.96110	-2.05670	2.43760	.03925	.03118	.03279	148.67000	4.52900	.04019
2.258	-4.800	31.71500	5.96120	-2.05750	2.43680	.03955	.03100	.03272	148.63000	4.52750	.04015
2.254	-4.600	31.71800	5.96130	-2.05800	2.43680	.03952	.03097	.03284	148.64000	4.52750	.04005
2.251	-4.400	31.72000	5.96140	-2.05850	2.43670	.03927	.03087	.03275	148.64000	4.52740	.03975
2.249	-4.200	31.72600	5.96150	-2.05910	2.43630	.03883	.03079	.03267	148.62000	4.52650	.03936
2.248	-4.000	31.73200	5.96160	-2.05990	2.43630	.03824	.03093	.03258	148.63000	4.52650	.03900
2.254	-3.800	31.73800	5.96170	-2.06070	2.43610	.03764	.03095	.03257	148.63000	4.52620	.03858
2.258	-3.600	31.74300	5.96170	-2.06140	2.43570	.03707	.03071	.03232	148.62000	4.52550	.03810
2.255	-3.400	31.75100	5.96180	-2.06230	2.43600	.03655	.03044	.03233	148.64000	4.52610	.03767
2.253	-3.200	31.75800	5.96190	-2.06310	2.43660	.03592	.02998	.03205	148.69000	4.52710	.03711
2.254	-3.000	31.76200	5.96200	-2.06390	2.43680	.03545	.02948	.03164	148.71000	4.52750	.03655
2.261	-2.800	31.77000	5.96210	-2.06480	2.43690	.03497	.02908	.03130	148.72000	4.52770	.03618
2.257	-2.600	31.77600	5.96210	-2.06560	2.43630	.03459	.02872	.03088	148.70000	4.52660	.03582
2.253	-2.400	31.78400	5.96220	-2.06670	2.43690	.03420	.02847	.03068	148.74000	4.52770	.03558
2.253	-2.200	31.78800	5.96230	-2.06740	2.43690	.03385	.02809	.03050	148.75000	4.52770	.03540
2.256	-2.000	31.80000	5.96240	-2.06880	2.43610	.03359	.02786	.03040	148.71000	4.52630	.03535
2.253	-1.800	31.80600	5.96250	-2.06970	2.43560	.03338	.02770	.03036	148.68000	4.52530	.03538
2.251	-1.600	31.81500	5.96260	-2.07090	2.43620	.03329	.02764	.03054	148.73000	4.52640	.03556
2.246	-1.400	31.82100	5.96260	-2.07190	2.43570	.03326	.02769	.03055	148.71000	4.52550	.03569
2.247	-1.200	31.83000	5.96270	-2.07310	2.43550	.03328	.02775	.03074	148.71000	4.52520	.03589
2.246	-1.000	31.83900	5.96280	-2.07430	2.43650	.03331	.02783	.03084	148.77000	4.52690	.03605
2.246	-.800	31.84600	5.96290	-2.07540	2.43740	.03337	.02786	.03058	148.84000	4.52860	.03614
2.244	-.600	31.85300	5.96300	-2.07660	2.43650	.03339	.02784	.03071	148.79000	4.52700	.03624
2.245	-.400	31.86000	5.96310	-2.07800	2.43680	.03344	.02773	.03024	148.82000	4.52750	.03626
2.250	-.200	31.87000	5.96310	-2.07940	2.43660	.03343	.02763	.03008	148.82000	4.52720	.03643
2.251	.000	31.87700	5.96320	-2.08070	2.43740	.03343	.02757	.02992	148.87000	4.52860	.03654
2.256	.200	31.88300	5.96330	-2.08200	2.43810	.03350	.02763	.03000	148.92000	4.52990	.03671
2.261	.400	31.89200	5.96340	-2.08360	2.43890	.03357	.02772	.03001	148.98000	4.53140	.03700
2.263	.600	31.89800	5.96350	-2.08480	2.43760	.03371	.02792	.03029	148.91000	4.52900	.03734
2.263	.800	31.90700	5.96360	-2.08640	2.43640	.03391	.02816	.03040	148.84000	4.52670	.03777
2.258	1.000	31.91300	5.96360	-2.08770	2.43590	.03427	.02862	.03099	148.82000	4.52590	.03827
2.252	1.200	31.92100	5.96370	-2.08930	2.43440	.03465	.02908	.03194	148.74000	4.52310	.03893
2.252	1.400	31.93000	5.96380	-2.09080	2.43450	.03501	.02942	.03302	148.76000	4.52330	.03957
2.249	1.600	31.93600	5.96390	-2.09230	2.43400	.03541	.02974	.03441	148.74000	4.52240	.04023
2.249	1.800	31.94200	5.96400	-2.09380	2.43430	.03571	.02990	.03554	148.76000	4.52290	.04078
2.248	2.000	31.95000	5.96410	-2.09540	2.43370	.03594	.03001	.03648	148.73000	4.52170	.04131
2.248	2.200	31.95900	5.96410	-2.09710	2.43390	.03622	.03002	.03724	148.76000	4.52220	.04184
2.246	2.400	31.96400	5.96420	-2.09850	2.43390	.03653	.03015	.03788	148.77000	4.52220	.04253
	GRADIENT	.03786	.00041	-.00686	.00161	.00022	.00004	-.00032	.13929	.00295	.00091

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OA257 (LARC 20-M6-6559) OV102

(S7E074) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 32.500 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 271/ 0 RN/L = 7.64 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.618	-4.809	31.40400	5.94610	-1.92840	7.01510	.10285	.07370	.07330	423.41000	13.03500	.09063
7.617	-4.700	31.41500	5.94620	-1.93030	7.01120	.10289	.07378	.07340	423.20000	13.02700	.09072
7.603	-4.500	31.42000	5.94620	-1.93320	7.01330	.10266	.07397	.07397	423.35000	13.03100	.09062
7.598	-4.300	31.42600	5.94630	-1.93590	7.02080	.10235	.07421	.07461	423.82000	13.04500	.09046
7.594	-4.100	31.43500	5.94640	-1.93890	7.02610	.10189	.07444	.07519	424.17000	13.05500	.09020
7.591	-3.900	31.44100	5.94650	-1.94190	7.02300	.10141	.07450	.07554	424.00000	13.04900	.08987
7.594	-3.700	31.44900	5.94660	-1.94490	7.02160	.10040	.07435	.07567	423.94000	13.04700	.08941
7.595	-3.500	31.45400	5.94670	-1.94780	7.02140	.09916	.07431	.07571	423.95000	13.04600	.08901
7.606	-3.300	31.46400	5.94670	-1.95050	7.03090	.09738	.07411	.07547	424.54000	13.06400	.08857
7.629	-3.100	31.47800	5.94680	-1.95340	7.05240	.09586	.07391	.07510	425.87000	13.10400	.08843
7.618	-2.900	31.48200	5.94690	-1.95620	7.04380	.09470	.07420	.07507	425.37000	13.08800	.08866
7.610	-2.700	31.48100	5.94700	-1.95900	7.02710	.09381	.07451	.07504	424.39000	13.05700	.08888
7.615	-2.500	31.49000	5.94710	-1.96160	7.03240	.09331	.07474	.07491	424.73000	13.06700	.08903
7.614	-2.300	31.49600	5.94710	-1.96430	7.03300	.09297	.07487	.07475	424.79000	13.06800	.08925
7.608	-2.100	31.50100	5.94720	-1.96730	7.02690	.09272	.07485	.07451	424.45000	13.05600	.08935
7.636	-1.900	31.51500	5.94730	-1.97020	7.05430	.09265	.07476	.07423	426.13000	13.10700	.08951
7.637	-1.700	31.52100	5.94740	-1.97320	7.05250	.09282	.07485	.07435	426.05000	13.10400	.08985
7.634	-1.500	31.52800	5.94750	-1.97640	7.04690	.09288	.07491	.07447	425.73000	13.09400	.09019
7.624	-1.300	31.53400	5.94750	-1.97950	7.03660	.09309	.07493	.07462	425.13000	13.07500	.09047
7.654	-1.100	31.54600	5.94760	-1.98300	7.05110	.09326	.07509	.07504	426.03000	13.10100	.09097
7.668	-.900	31.55800	5.94770	-1.98610	7.07500	.09379	.07549	.07572	427.50000	13.14600	.09171
7.659	-.700	31.56400	5.94780	-1.98960	7.05760	.09414	.07583	.07636	426.47000	13.11400	.09232
7.659	-.500	31.57000	5.94790	-1.99300	7.04610	.09419	.07581	.07678	425.80000	13.09200	.09277
7.661	-.300	31.58200	5.94790	-1.99660	7.04870	.09446	.07583	.07708	425.98000	13.09700	.09330
7.667	-.100	31.59200	5.94800	-2.00020	7.05130	.09474	.07581	.07720	426.16000	13.10200	.09374
7.660	.100	31.60600	5.94810	-2.00360	7.05830	.09491	.07562	.07667	426.61000	13.11500	.09409
7.662	.300	31.61400	5.94820	-2.00700	7.07200	.09543	.07560	.07570	427.46000	13.14000	.09466
7.652	.500	31.62100	5.94830	-2.01040	7.06070	.09600	.07558	.07465	426.80000	13.11900	.09507
7.657	.700	31.63000	5.94840	-2.01400	7.05850	.09614	.07520	.07341	426.70000	13.11500	.09519
7.663	.900	31.63800	5.94840	-2.01750	7.06770	.09649	.07477	.07253	427.27000	13.13200	.09532
7.656	1.100	31.64600	5.94850	-2.02100	7.06050	.09678	.07449	.07183	426.87000	13.11900	.09548
7.661	1.300	31.65200	5.94860	-2.02440	7.06140	.09716	.07426	.07121	426.94000	13.12100	.09567
7.661	1.500	31.65600	5.94870	-2.02790	7.06400	.09752	.07447	.07098	427.12000	13.12500	.09613
7.650	1.700	31.66500	5.94880	-2.03140	7.05300	.09783	.07470	.07047	426.48000	13.10500	.09651
7.681	1.900	31.67300	5.94880	-2.03480	7.07920	.09831	.07493	.06973	428.09000	13.15400	.09713
7.662	2.100	31.67400	5.94890	-2.03820	7.06650	.09889	.07530	.06883	427.35000	13.13000	.09781
7.670	2.237	31.67500	5.94910	-2.04050	7.07120	.09911	.07560	.06743	427.68000	13.13900	.09828
	GRADIENT	.05214	.00043	-.01737	.02141	.00174	-.00029	-.00219	1.41286	.03957	.00227

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0A257 (LARC 20-M6-6559) OV102

(S7E174) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 32.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2296/ 0 RN/L = 2.25 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.257	-4.900	31.70500	5.96120	-2.05670	2.43750	.03938	.03108	.03279	148.67000	4.52880	.04020
2.256	-4.700	31.71800	5.96130	-2.05780	2.43660	.03955	.03100	.03291	148.62000	4.52710	.04015
2.252	-4.500	31.72100	5.96140	-2.05840	2.43660	.03941	.03090	.03269	148.63000	4.52720	.03993
2.251	-4.300	31.72500	5.96150	-2.05900	2.43620	.03909	.03082	.03268	148.61000	4.52640	.03958
2.248	-4.100	31.72800	5.96150	-2.05940	2.43590	.03856	.03089	.03258	148.61000	4.52590	.03917
2.250	-3.900	31.73400	5.96160	-2.06010	2.43650	.03798	.03094	.03254	148.65000	4.52710	.03878
2.257	-3.700	31.74100	5.96170	-2.06100	2.43600	.03738	.03082	.03246	148.63000	4.52600	.03834
2.257	-3.500	31.74500	5.96180	-2.06180	2.43580	.03681	.03057	.03226	148.63000	4.52570	.03785
2.255	-3.300	31.75200	5.96190	-2.06260	2.43700	.03622	.03025	.03198	148.71000	4.52790	.03736
2.253	-3.100	31.76100	5.96190	-2.06350	2.43690	.03569	.02974	.03182	148.71000	4.52760	.03681
2.257	-2.900	31.76800	5.96200	-2.06440	2.43620	.03519	.02925	.03136	148.67000	4.52640	.03628
2.260	-2.700	31.77100	5.96210	-2.06510	2.43670	.03478	.02890	.03110	148.71000	4.52730	.03595
2.254	-2.500	31.78000	5.96220	-2.06620	2.43660	.03440	.02858	.03084	148.72000	4.52720	.03567
2.252	-2.300	31.78700	5.96230	-2.06710	2.43670	.03400	.02824	.03071	148.73000	4.52730	.03544
2.254	-2.100	31.79500	5.96240	-2.06820	2.43640	.03372	.02795	.03035	148.72000	4.52680	.03537
2.256	-1.900	31.80100	5.96240	-2.06920	2.43580	.03347	.02778	.03049	148.69000	4.52560	.03540
2.252	-1.700	31.81100	5.96250	-2.07030	2.43600	.03332	.02765	.03053	148.71000	4.52600	.03547
2.248	-1.500	31.81900	5.96260	-2.07140	2.43560	.03327	.02767	.03070	148.70000	4.52530	.03565
2.246	-1.300	31.82600	5.96270	-2.07250	2.43530	.03325	.02776	.03064	148.69000	4.52480	.03583
2.246	-1.100	31.83400	5.96280	-2.07370	2.43560	.03331	.02779	.03073	148.72000	4.52530	.03597
2.246	-.900	31.84300	5.96290	-2.07490	2.43700	.03333	.02785	.03062	148.81000	4.52790	.03612
2.245	-.700	31.84800	5.96290	-2.07590	2.43690	.03339	.02786	.03057	148.81000	4.52770	.03620
2.243	-.500	31.85600	5.96300	-2.07730	2.43610	.03346	.02774	.03017	148.77000	4.52620	.03626
2.248	-.300	31.86500	5.96310	-2.07870	2.43680	.03345	.02768	.03004	148.82000	4.52750	.03631
2.249	-.100	31.87200	5.96320	-2.08000	2.43580	.03339	.02760	.03003	148.77000	4.52570	.03650
2.254	.100	31.87800	5.96330	-2.08120	2.43820	.03347	.02759	.02996	148.92000	4.53000	.03660
2.258	.300	31.88700	5.96330	-2.08270	2.43860	.03349	.02763	.03008	148.96000	4.53080	.03684
2.262	.500	31.89600	5.96340	-2.08420	2.43800	.03361	.02780	.03016	148.93000	4.52970	.03716
2.263	.700	31.90200	5.96350	-2.08560	2.43730	.03380	.02804	.03048	148.90000	4.52840	.03752
2.262	.900	31.90900	5.96360	-2.08700	2.43650	.03407	.02838	.03070	148.86000	4.52690	.03798
2.254	1.100	31.91600	5.96370	-2.08850	2.43530	.03443	.02887	.03140	148.79000	4.52480	.03856
2.253	1.300	31.92400	5.96380	-2.08990	2.43460	.03483	.02925	.03255	148.76000	4.52350	.03924
2.251	1.500	31.93200	5.96380	-2.09160	2.43430	.03525	.02963	.03377	148.75000	4.52280	.03993
2.249	1.700	31.94100	5.96390	-2.09320	2.43460	.03556	.02990	.03499	148.77000	4.52330	.04052
2.248	1.900	31.94600	5.96400	-2.09460	2.43350	.03584	.02998	.03606	148.72000	4.52140	.04103
2.249	2.100	31.95700	5.96410	-2.09640	2.43540	.03607	.03001	.03687	148.84000	4.52490	.04159
2.246	2.300	31.96300	5.96420	-2.09790	2.43380	.03639	.03009	.03751	148.75000	4.52200	.04214
2.246	2.445	31.96700	5.96430	-2.09890	2.43310	.03670	.03016	.03817	148.72000	4.52060	.04280
	GRADIENT	.03886	.00039	-.00681	.00247	.00013	.00002	-.00000	.19571	.00453	.00088

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OA257 (LARC 20-M6-6559) DV102

(S7E174) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2271/ 0 RN/L = 7.64 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.618	-4.800	31.40600	5.94610	-1.92860	7.01470	.10286	.07371	.07330	423.39000	13.03400	.09063
7.616	-4.600	31.41800	5.94620	-1.93160	7.01650	.10281	.07389	.07366	423.53000	13.03700	.09070
7.599	-4.400	31.42100	5.94630	-1.93450	7.01500	.10248	.07410	.07424	423.46000	13.03500	.09054
7.595	-4.200	31.43100	5.94640	-1.93750	7.02330	.10213	.07435	.07492	423.98000	13.05000	.09035
7.588	-4.000	31.43800	5.94650	-1.94040	7.02100	.10171	.07450	.07539	423.87000	13.04600	.09004
7.596	-3.800	31.44500	5.94650	-1.94330	7.02390	.10095	.07444	.07563	424.07000	13.05100	.08964
7.592	-3.600	31.45200	5.94660	-1.94640	7.01980	.09988	.07435	.07572	423.84000	13.04300	.08922
7.597	-3.400	31.46000	5.94670	-1.94930	7.02340	.09833	.07423	.07561	424.08000	13.05000	.08882
7.621	-3.200	31.47300	5.94680	-1.95200	7.04480	.09652	.07395	.07525	425.40000	13.09000	.08841
7.621	-3.000	31.47900	5.94690	-1.95480	7.04670	.09530	.07406	.07508	425.54000	13.09300	.08857
7.614	-2.800	31.48200	5.94690	-1.95760	7.03660	.09426	.07435	.07504	424.95000	13.07500	.08878
7.611	-2.600	31.48300	5.94700	-1.96030	7.02690	.09349	.07464	.07492	424.39000	13.05700	.08894
7.612	-2.400	31.49100	5.94710	-1.96270	7.03190	.09312	.07479	.07480	424.72000	13.06600	.08913
7.611	-2.200	31.49800	5.94720	-1.96580	7.03120	.09290	.07489	.07466	424.70000	13.06400	.08933
7.626	-2.000	31.50800	5.94730	-1.96870	7.04180	.09258	.07478	.07432	425.36000	13.08400	.08937
7.636	-1.800	31.51700	5.94730	-1.97160	7.05430	.09270	.07477	.07422	426.14000	13.10700	.08967
7.634	-1.600	31.52400	5.94740	-1.97490	7.04870	.09284	.07490	.07444	425.83000	13.09700	.09000
7.628	-1.400	31.52900	5.94750	-1.97790	7.04150	.09301	.07490	.07448	425.41000	13.08400	.09037
7.639	-1.200	31.53800	5.94760	-1.98110	7.04420	.09314	.07499	.07479	425.60000	13.08900	.09069
7.666	-1.000	31.55500	5.94770	-1.98460	7.06590	.09352	.07527	.07532	426.94000	13.12900	.09130
7.654	-.800	31.56100	5.94770	-1.98800	7.06140	.09400	.07573	.07608	426.69000	13.12100	.09207
7.661	-.600	31.56700	5.94780	-1.99130	7.05020	.09423	.07586	.07661	426.04000	13.10000	.09257
7.660	-.400	31.57600	5.94790	-1.99470	7.05300	.09427	.07582	.07691	426.23000	13.10500	.09300
7.671	-.200	31.58800	5.94800	-1.99850	7.05060	.09461	.07580	.07720	426.11000	13.10100	.09354
7.659	.000	31.59800	5.94810	-2.00180	7.05230	.09484	.07572	.07700	426.24000	13.10400	.09390
7.673	.200	31.61200	5.94820	-2.00520	7.07810	.09512	.07559	.07622	427.82000	13.15200	.09435
7.656	.400	31.61700	5.94820	-2.00870	7.06490	.09577	.07560	.07517	427.05000	13.12700	.09490
7.648	.600	31.62200	5.94830	-2.01220	7.05360	.09609	.07546	.07407	426.39000	13.10600	.09512
7.663	.800	31.63500	5.94840	-2.01580	7.06530	.09630	.07496	.07296	427.12000	13.12800	.09525
7.654	1.000	31.63800	5.94850	-2.01900	7.05970	.09666	.07466	.07210	426.80000	13.11700	.09540
7.663	1.200	31.64900	5.94860	-2.02270	7.06520	.09696	.07437	.07151	427.16000	13.12800	.09556
7.665	1.400	31.65800	5.94860	-2.02640	7.06490	.09734	.07431	.07103	427.17000	13.12700	.09584
7.649	1.600	31.65800	5.94870	-2.02940	7.05460	.09770	.07464	.07077	426.57000	13.10800	.09632
7.665	1.800	31.66800	5.94880	-2.03310	7.06290	.09805	.07476	.07011	427.09000	13.12300	.09679
7.677	2.000	31.67800	5.94890	-2.03670	7.08010	.09868	.07510	.06931	428.16000	13.15500	.09750
7.664	2.200	31.67500	5.94900	-2.03980	7.06710	.09901	.07545	.06818	427.40000	13.13100	.09801
	GRADIENT	.04839	.00041	-.01739	.01098	.00162	-.00033	-.00216	.78572	.02018	.00219

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OA257 (LARC 20-M6-6559) DV102

(S7E075) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 35.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 293/0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.266	-4.676	34.25600	5.96150	-2.20320	2.44410	.03964	.03165	.03547	149.10000	4.54100	.04169
2.263	-4.500	34.27000	5.96160	-2.20430	2.44470	.03969	.03167	.03548	149.15000	4.54220	.04170
2.262	-4.300	34.27500	5.96170	-2.20480	2.44450	.03980	.03171	.03547	149.15000	4.54180	.04165
2.268	-4.100	34.27300	5.96180	-2.20520	2.44510	.03987	.03180	.03552	149.19000	4.54290	.04156
2.276	-3.900	34.28000	5.96190	-2.20610	2.44540	.03991	.03188	.03550	149.22000	4.54350	.04135
2.272	-3.700	34.28400	5.96190	-2.20680	2.44560	.03997	.03189	.03549	149.24000	4.54380	.04110
2.273	-3.500	34.28800	5.96200	-2.20760	2.44600	.03984	.03167	.03557	149.27000	4.54460	.04074
2.273	-3.300	34.29500	5.96210	-2.20860	2.44510	.03964	.03133	.03569	149.23000	4.54290	.04038
2.270	-3.100	34.30500	5.96220	-2.20970	2.44470	.03948	.03112	.03578	149.22000	4.54230	.04012
2.266	-2.900	34.31700	5.96230	-2.21100	2.44460	.03932	.03099	.03585	149.22000	4.54190	.03997
2.263	-2.700	34.32700	5.96240	-2.21220	2.44380	.03922	.03085	.03588	149.18000	4.54050	.03991
2.264	-2.500	34.33700	5.96250	-2.21330	2.44370	.03912	.03068	.03592	149.18000	4.54030	.03986
2.264	-2.300	34.34500	5.96260	-2.21430	2.44380	.03907	.03047	.03590	149.20000	4.54050	.03984
2.265	-2.100	34.35000	5.96270	-2.21520	2.44380	.03901	.03029	.03586	149.21000	4.54050	.03981
2.261	-1.900	34.35300	5.96280	-2.21610	2.44370	.03912	.03027	.03568	149.21000	4.54040	.03993
2.265	-1.700	34.35900	5.96290	-2.21710	2.44460	.03925	.03039	.03561	149.28000	4.54210	.04008
2.271	-1.500	34.36700	5.96290	-2.21820	2.44470	.03943	.03049	.03541	149.29000	4.54230	.04031
2.267	-1.300	34.37300	5.96300	-2.21930	2.44370	.03959	.03059	.03535	149.24000	4.54030	.04052
2.266	-1.100	34.38100	5.96310	-2.22040	2.44360	.03978	.03078	.03526	149.24000	4.54020	.04073
2.266	-.900	34.39700	5.96320	-2.22200	2.44390	.03987	.03090	.03522	149.27000	4.54070	.04100
2.267	-.700	34.40900	5.96330	-2.22340	2.44380	.04000	.03110	.03520	149.27000	4.54050	.04126
2.265	-.500	34.42000	5.96340	-2.22490	2.44330	.04011	.03123	.03537	149.25000	4.53950	.04154
2.272	-.300	34.42800	5.96350	-2.22610	2.44380	.04020	.03139	.03555	149.29000	4.54060	.04179
2.276	-.100	34.43300	5.96360	-2.22730	2.44340	.04030	.03155	.03593	149.27000	4.53970	.04203
2.270	.100	34.43700	5.96370	-2.22830	2.44360	.04038	.03175	.03624	149.30000	4.54010	.04229
2.265	.300	34.44300	5.96380	-2.22970	2.44370	.04044	.03195	.03644	149.31000	4.54030	.04256
2.268	.500	34.44900	5.96390	-2.23080	2.44370	.04055	.03211	.03665	149.32000	4.54030	.04275
2.269	.700	34.45700	5.96400	-2.23230	2.44370	.04055	.03217	.03675	149.33000	4.54030	.04286
2.269	.900	34.46800	5.96400	-2.23380	2.44310	.04060	.03214	.03678	149.31000	4.53920	.04296
2.272	1.100	34.48000	5.96410	-2.23540	2.44440	.04061	.03211	.03681	149.40000	4.54170	.04312
2.270	1.300	34.49400	5.96420	-2.23740	2.44460	.04069	.03212	.03698	149.42000	4.54200	.04334
2.268	1.500	34.50200	5.96430	-2.23900	2.44510	.04088	.03217	.03728	149.46000	4.54290	.04363
2.272	1.700	34.50900	5.96440	-2.24050	2.44590	.04103	.03222	.03766	149.52000	4.54450	.04394
2.277	1.900	34.51300	5.96450	-2.24190	2.44510	.04129	.03236	.03806	149.48000	4.54300	.04439
2.275	2.100	34.51700	5.96460	-2.24340	2.44430	.04155	.03257	.03859	149.44000	4.54150	.04493
2.270	2.300	34.52200	5.96470	-2.24480	2.44390	.04187	.03282	.03929	149.42000	4.54060	.04559
2.267	2.500	34.53100	5.96480	-2.24670	2.44400	.04213	.03311	.03998	149.44000	4.54090	.04628
2.265	2.634	34.53100	5.96490	-2.24760	2.44340	.04241	.03331	.04066	149.41000	4.53980	.04680
	GRADIENT	.02771	.00050	-.00590	.00027	.00043	.00089	.00134	.06286	.00050	.00123

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OA257 (LARC 20-M6-6559) OV102

(S7E075) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 35.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 272/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.613	-4.892	33.85400	5.94570	-2.05700	7.05670	.11242	.07890	.08262	425.79000	13.11200	.09822
7.608	-4.700	33.86600	5.94580	-2.06040	7.06340	.11184	.07893	.08275	426.23000	13.12400	.09810
7.623	-4.500	33.87100	5.94590	-2.06320	7.07730	.11042	.07868	.08292	427.09000	13.15000	.09759
7.608	-4.300	33.87000	5.94600	-2.06650	7.05400	.10893	.07848	.08268	425.71000	13.10700	.09717
7.612	-4.100	33.87700	5.94610	-2.06950	7.05590	.10765	.07843	.08237	425.86000	13.11000	.09687
7.609	-3.900	33.88500	5.94620	-2.07260	7.05540	.10677	.07853	.08229	425.86000	13.11000	.09683
7.636	-3.700	33.89900	5.94620	-2.07570	7.08390	.10642	.07898	.08206	427.60000	13.16200	.09713
7.640	-3.500	33.90300	5.94630	-2.07920	7.06150	.10604	.07932	.08157	426.28000	13.12100	.09726
7.648	-3.300	33.91300	5.94640	-2.08200	7.07130	.10592	.07964	.08111	426.90000	13.13900	.09751
7.631	-3.100	33.92400	5.94650	-2.08550	7.06580	.10588	.08005	.08078	426.59000	13.12900	.09786
7.633	-2.900	33.93400	5.94660	-2.08860	7.07290	.10591	.08027	.08017	427.05000	13.14200	.09811
7.639	-2.700	33.94600	5.94670	-2.09210	7.07450	.10601	.08062	.07964	427.18000	13.14500	.09855
7.644	-2.500	33.95700	5.94680	-2.09550	7.07740	.10625	.08095	.07920	427.38000	13.15000	.09890
7.643	-2.300	33.96700	5.94690	-2.09870	7.07840	.10642	.08140	.07914	427.47000	13.15200	.09939
7.633	-2.100	33.97800	5.94700	-2.10240	7.07030	.10660	.08173	.07900	427.01000	13.13700	.09975
7.648	-1.900	33.98700	5.94710	-2.10550	7.08100	.10672	.08200	.07901	427.68000	13.15700	.10011
7.663	-1.700	34.00000	5.94720	-2.10890	7.08880	.10692	.08232	.07892	428.18000	13.17200	.10062
7.657	-1.500	34.00600	5.94730	-2.11190	7.08580	.10701	.08261	.07875	428.03000	13.16600	.10097
7.652	-1.300	34.01100	5.94740	-2.11530	7.07820	.10717	.08299	.07879	427.60000	13.15200	.10146
7.664	-1.100	34.01500	5.94750	-2.11890	7.06600	.10725	.08327	.07877	426.89000	13.12900	.10199
7.659	-.900	34.01900	5.94760	-2.12190	7.06910	.10746	.08371	.07919	427.10000	13.13500	.10252
7.651	-.700	34.02700	5.94770	-2.12550	7.06100	.10766	.08397	.07956	426.64000	13.12000	.10293
7.640	-.500	34.02900	5.94780	-2.12900	7.05310	.10785	.08434	.08021	426.19000	13.10500	.10342
7.638	-.300	34.03400	5.94780	-2.13250	7.03980	.10795	.08436	.08059	425.42000	13.08100	.10381
7.620	-.100	34.03600	5.94790	-2.13600	7.02430	.10824	.08449	.08125	424.51000	13.05200	.10404
7.614	.100	34.04200	5.94800	-2.13950	7.02600	.10829	.08436	.08171	424.63000	13.05500	.10435
7.607	.300	34.05000	5.94810	-2.14300	7.02530	.10811	.08409	.08209	424.62000	13.05400	.10447
7.596	.500	34.05500	5.94820	-2.14690	7.02210	.10797	.08343	.08213	424.46000	13.04800	.10460
7.598	.700	34.06000	5.94830	-2.15030	7.01840	.10750	.08253	.08221	424.26000	13.04100	.10451
7.586	.900	34.06600	5.94840	-2.15410	7.00740	.10721	.08157	.08226	423.62000	13.02000	.10440
7.610	1.100	34.07900	5.94850	-2.15770	7.02960	.10725	.08071	.08242	424.99000	13.06200	.10455
7.624	1.300	34.08800	5.94860	-2.16150	7.03140	.10766	.08033	.08265	425.13000	13.06500	.10492
7.619	1.500	34.09400	5.94870	-2.16510	7.03150	.10834	.08024	.08256	425.17000	13.06500	.10543
7.622	1.700	34.10400	5.94880	-2.16880	7.03580	.10911	.08026	.08197	425.45000	13.07300	.10605
7.636	1.900	34.11600	5.94890	-2.17270	7.05490	.11000	.08059	.08131	426.64000	13.10900	.10675
7.636	2.100	34.11900	5.94900	-2.17640	7.03360	.11077	.08078	.08015	425.38000	13.06900	.10735
GRADIENT	.02629	.00043	-.01779	-.02811	.00016	-.00079	.00209	-.1.56143	-.05186	.00117	

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OA257 (LARC 20-M6-6559) DV102

(S7E175) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 35.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2293/ 0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.264	-4.600	34.26600	5.96150	-2.20390	2.44440	.03967	.03165	.03548	149.12000	4.54160	.04171
2.263	-4.400	34.27100	5.96160	-2.20440	2.44480	.03972	.03167	.03552	149.16000	4.54250	.04167
2.265	-4.200	34.27300	5.96170	-2.20490	2.44480	.03984	.03177	.03548	149.17000	4.54240	.04160
2.272	-4.000	34.27700	5.96180	-2.20560	2.44500	.03988	.03183	.03553	149.19000	4.54280	.04145
2.275	-3.800	34.28100	5.96190	-2.20650	2.44580	.03996	.03190	.03552	149.25000	4.54430	.04123
2.271	-3.600	34.28500	5.96200	-2.20710	2.44580	.03995	.03183	.03553	149.26000	4.54420	.04094
2.274	-3.400	34.29000	5.96210	-2.20800	2.44530	.03977	.03150	.03557	149.24000	4.54340	.04054
2.271	-3.200	34.29900	5.96220	-2.20910	2.44500	.03957	.03122	.03577	149.23000	4.54270	.04025
2.267	-3.000	34.31000	5.96230	-2.21030	2.44450	.03940	.03102	.03581	149.21000	4.54180	.04004
2.265	-2.800	34.32000	5.96240	-2.21150	2.44430	.03922	.03087	.03588	149.21000	4.54150	.03993
2.263	-2.600	34.33200	5.96240	-2.21280	2.44350	.03918	.03077	.03589	149.17000	4.54010	.03988
2.266	-2.400	34.34200	5.96250	-2.21380	2.44480	.03907	.03057	.03588	149.25000	4.54240	.03983
2.265	-2.200	34.34700	5.96260	-2.21480	2.44440	.03904	.03037	.03586	149.24000	4.54170	.03983
2.263	-2.000	34.35200	5.96270	-2.21570	2.44370	.03905	.03028	.03578	149.21000	4.54030	.03985
2.262	-1.800	34.35800	5.96280	-2.21670	2.44430	.03917	.03033	.03566	149.25000	4.54140	.04003
2.269	-1.600	34.36300	5.96290	-2.21760	2.44430	.03934	.03046	.03553	149.26000	4.54150	.04021
2.270	-1.400	34.36700	5.96300	-2.21860	2.44420	.03950	.03056	.03535	149.27000	4.54130	.04041
2.265	-1.200	34.37800	5.96310	-2.21980	2.44360	.03969	.03069	.03533	149.24000	4.54010	.04062
2.266	-1.000	34.39000	5.96320	-2.22120	2.44320	.03983	.03086	.03527	149.22000	4.53940	.04085
2.266	-.800	34.40300	5.96330	-2.22280	2.44380	.03993	.03100	.03522	149.27000	4.54050	.04111
2.266	-.600	34.41700	5.96340	-2.22420	2.44360	.04007	.03120	.03524	149.27000	4.54020	.04139
2.267	-.400	34.42300	5.96350	-2.22550	2.44340	.04015	.03131	.03547	149.27000	4.53990	.04167
2.276	-.200	34.42900	5.96350	-2.22670	2.44380	.04026	.03145	.03573	149.29000	4.54050	.04191
2.274	0.000	34.43400	5.96360	-2.22780	2.44360	.04033	.03165	.03602	149.30000	4.54020	.04216
2.266	.200	34.44000	5.96370	-2.22900	2.44320	.04041	.03186	.03637	149.28000	4.53940	.04242
2.267	.400	34.44400	5.96380	-2.23010	2.44370	.04051	.03204	.03655	149.32000	4.54030	.04265
2.269	.600	34.45300	5.96390	-2.23150	2.44400	.04056	.03215	.03670	149.35000	4.54090	.04281
2.269	.800	34.46000	5.96400	-2.23290	2.44370	.04057	.03215	.03675	149.34000	4.54030	.04291
2.270	1.000	34.47300	5.96410	-2.23460	2.44350	.04059	.03213	.03679	149.33000	4.53990	.04303
2.272	1.200	34.48700	5.96420	-2.23630	2.44460	.04064	.03212	.03686	149.41000	4.54200	.04322
2.269	1.400	34.49800	5.96430	-2.23810	2.44480	.04076	.03217	.03710	149.43000	4.54230	.04348
2.269	1.600	34.50600	5.96440	-2.23970	2.44590	.04095	.03219	.03748	149.51000	4.54440	.04380
2.275	1.800	34.51100	5.96450	-2.24110	2.44560	.04116	.03228	.03783	149.50000	4.54390	.04417
2.278	2.000	34.51700	5.96460	-2.24270	2.44500	.04142	.03246	.03834	149.48000	4.54280	.04465
2.272	2.200	34.51800	5.96460	-2.24400	2.44400	.04170	.03267	.03890	149.42000	4.54080	.04524
2.268	2.400	34.52700	5.96470	-2.24580	2.44360	.04203	.03296	.03965	149.41000	4.54010	.04592
2.266	2.600	34.53200	5.96480	-2.24740	2.44350	.04232	.03325	.04045	149.41000	4.53990	.04663
	GRADIENT	.02875	.00041	-.00596	.00021	.00042	.00084	.00128	.05893	.00032	.00120

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) 0V102

(S7E175) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 35.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2272/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.618	-4.800	33.86400	5.94570	-2.05860	7.06810	.11234	.07894	.08267	426.50000	13.13300	.09823
7.608	-4.600	33.86400	5.94580	-2.06180	7.06240	.11120	.07887	.08286	426.18000	13.12300	.09787
7.619	-4.400	33.87000	5.94590	-2.06470	7.07250	.10969	.07859	.08284	426.82000	13.14100	.09738
7.609	-4.200	33.87100	5.94600	-2.06790	7.05110	.10820	.07843	.08251	425.56000	13.10200	.09696
7.607	-4.000	33.88200	5.94610	-2.07110	7.05430	.10715	.07844	.08234	425.77000	13.10700	.09681
7.632	-3.800	33.89500	5.94620	-2.07410	7.07730	.10649	.07868	.08215	427.19000	13.15000	.09693
7.623	-3.600	33.90100	5.94630	-2.07760	7.06440	.10626	.07920	.08186	426.44000	13.12600	.09727
7.652	-3.400	33.90800	5.94640	-2.08060	7.06700	.10596	.07946	.08133	426.62000	13.13100	.09736
7.640	-3.200	33.91800	5.94650	-2.08360	7.06980	.10590	.07987	.08092	426.82000	13.13600	.09769
7.622	-3.000	33.92600	5.94660	-2.08700	7.06120	.10587	.08016	.08049	426.33000	13.12000	.09799
7.632	-2.800	33.93800	5.94670	-2.09040	7.07280	.10596	.08044	.07982	427.06000	13.14200	.09831
7.645	-2.600	33.95500	5.94680	-2.09380	7.07960	.10610	.08077	.07933	427.50000	13.15400	.09869
7.647	-2.400	33.96300	5.94690	-2.09720	7.07790	.10636	.08120	.07919	427.42000	13.15100	.09916
7.629	-2.200	33.96800	5.94700	-2.10040	7.06790	.10652	.08163	.07909	426.85000	13.13300	.09964
7.643	-2.000	33.98100	5.94710	-2.10380	7.07760	.10665	.08183	.07891	427.46000	13.15100	.09985
7.665	-1.800	33.99400	5.94710	-2.10710	7.09140	.10678	.08213	.07897	428.33000	13.17600	.10035
7.658	-1.600	34.00200	5.94720	-2.11030	7.08610	.10697	.08249	.07889	428.03000	13.16700	.10080
7.656	-1.400	34.00800	5.94730	-2.11360	7.08490	.10707	.08276	.07870	427.99000	13.16400	.10117
7.656	-1.200	34.01300	5.94740	-2.11700	7.07360	.10723	.08320	.07882	427.34000	13.14300	.10175
7.667	-1.000	34.01600	5.94750	-2.12030	7.07100	.10734	.08345	.07893	427.20000	13.13800	.10221
7.658	-.800	34.02500	5.94760	-2.12380	7.06650	.10754	.08387	.07936	426.96000	13.13000	.10276
7.646	-.600	34.03000	5.94770	-2.12740	7.05750	.10776	.08415	.07988	426.45000	13.11300	.10319
7.638	-.400	34.03400	5.94780	-2.13080	7.04890	.10794	.08434	.08039	425.95000	13.09700	.10366
7.637	-.200	34.03300	5.94790	-2.13410	7.03610	.10804	.08443	.08096	425.21000	13.07400	.10391
7.622	-.000	34.03900	5.94800	-2.13770	7.02940	.10831	.08447	.08158	424.83000	13.06100	.10426
7.606	.200	34.04700	5.94810	-2.14140	7.02190	.10821	.08421	.08186	424.40000	13.04700	.10437
7.609	.400	34.05400	5.94820	-2.14490	7.03190	.10806	.08383	.08218	425.03000	13.06600	.10458
7.595	.600	34.05800	5.94830	-2.14860	7.01920	.10772	.08302	.08220	424.29000	13.04200	.10456
7.594	.800	34.06500	5.94840	-2.15220	7.01410	.10736	.08204	.08224	424.02000	13.03300	.10445
7.597	1.000	34.07100	5.94850	-2.15570	7.01700	.10720	.08109	.08233	424.22000	13.03800	.10445
7.611	1.200	34.08300	5.94860	-2.15960	7.02610	.10742	.08046	.08249	424.80000	13.05500	.10469
7.627	1.400	34.09200	5.94860	-2.16330	7.03610	.10796	.08032	.08285	425.43000	13.07400	.10524
7.621	1.600	34.10100	5.94870	-2.16690	7.03420	.10868	.08021	.08224	425.34000	13.07000	.10571
7.628	1.800	34.11300	5.94880	-2.17100	7.04470	.10958	.08036	.08169	426.00000	13.08900	.10641
7.636	2.000	34.11900	5.94890	-2.17460	7.04620	.11040	.08071	.08079	426.12000	13.09200	.10705
7.615	2.186	34.12600	5.94920	-2.17820	7.02920	.11150	.08082	.07799	425.19000	13.06100	.10795
GRADIENT	.02464	.00050	-.01770	-.02912	.00005	-.00083	.00205	-.1.63036	-.05393	.00114	

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OA257 (LARC 20-M6-6559) OV102

(S7E076) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XD
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 294/ O RN/L = 2.22 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.232	-5.068	36.79200	5.96340	-2.34350	2.42580	.04476	.03313	.03869	148.18000	4.50710	.04511
2.232	-4.900	36.80500	5.96350	-2.34450	2.42480	.04477	.03306	.03863	148.13000	4.50520	.04513
2.224	-4.700	36.80700	5.96360	-2.34490	2.42360	.04475	.03303	.03861	148.07000	4.50300	.04499
2.219	-4.500	36.81900	5.96360	-2.34590	2.42290	.04466	.03311	.03861	148.03000	4.50160	.04489
2.216	-4.300	36.83300	5.96370	-2.34720	2.42070	.04466	.03328	.03869	147.90000	4.49760	.04483
2.218	-4.100	36.84200	5.96380	-2.34810	2.41910	.04464	.03352	.03875	147.82000	4.49470	.04476
2.220	-3.900	36.84600	5.96390	-2.34900	2.41770	.04465	.03372	.03893	147.74000	4.49200	.04471
2.223	-3.700	36.84800	5.96400	-2.34950	2.41690	.04474	.03396	.03896	147.70000	4.49060	.04471
2.220	-3.500	36.85200	5.96410	-2.35030	2.41580	.04479	.03421	.03907	147.64000	4.48840	.04470
2.220	-3.300	36.85700	5.96410	-2.35120	2.41540	.04489	.03434	.03907	147.62000	4.48770	.04471
2.219	-3.100	36.86400	5.96420	-2.35220	2.41510	.04488	.03431	.03907	147.61000	4.48710	.04465
2.214	-2.900	36.87400	5.96430	-2.35340	2.41440	.04492	.03427	.03898	147.58000	4.48580	.04458
2.214	-2.700	36.89200	5.96440	-2.35490	2.41370	.04499	.03428	.03871	147.55000	4.48460	.04455
2.211	-2.500	36.90500	5.96450	-2.35630	2.41310	.04509	.03421	.03853	147.52000	4.48350	.04456
2.210	-2.300	36.91000	5.96460	-2.35730	2.41380	.04524	.03415	.03824	147.57000	4.48480	.04458
2.213	-2.100	36.91400	5.96470	-2.35820	2.41460	.04531	.03412	.03799	147.63000	4.48630	.04461
2.220	-1.900	36.92100	5.96470	-2.35930	2.41490	.04544	.03409	.03778	147.65000	4.48680	.04471
2.222	-1.700	36.92400	5.96480	-2.36030	2.41540	.04556	.03404	.03756	147.69000	4.48770	.04485
2.221	-1.500	36.93400	5.96490	-2.36140	2.41400	.04570	.03408	.03752	147.61000	4.48510	.04502
2.221	-1.300	36.94600	5.96500	-2.36300	2.41300	.04586	.03426	.03752	147.56000	4.48330	.04522
2.219	-1.100	36.96200	5.96510	-2.36470	2.41260	.04600	.03442	.03753	147.55000	4.48250	.04550
2.222	-.900	36.97300	5.96520	-2.36620	2.41260	.04612	.03456	.03765	147.55000	4.48250	.04572
2.229	-.700	36.98400	5.96530	-2.36760	2.41360	.04624	.03471	.03793	147.62000	4.48430	.04594
2.227	-.500	36.98600	5.96530	-2.36860	2.41290	.04625	.03481	.03821	147.59000	4.48310	.04612
2.229	-.300	36.98900	5.96540	-2.36960	2.41330	.04619	.03476	.03856	147.63000	4.48390	.04617
2.228	-.100	36.99700	5.96550	-2.37090	2.41390	.04606	.03467	.03883	147.67000	4.48500	.04617
2.227	.100	37.00100	5.96560	-2.37200	2.41260	.04599	.03454	.03897	147.60000	4.48260	.04617
2.226	.300	37.01600	5.96570	-2.37370	2.41170	.04594	.03454	.03901	147.56000	4.48090	.04616
2.226	.500	37.02900	5.96580	-2.37530	2.41180	.04594	.03456	.03910	147.57000	4.48110	.04626
2.223	.700	37.04300	5.96590	-2.37720	2.41110	.04594	.03456	.03902	147.53000	4.47960	.04638
2.220	.900	37.04900	5.96590	-2.37860	2.41150	.04592	.03451	.03901	147.57000	4.48050	.04652
2.221	1.100	37.05300	5.96600	-2.38000	2.41250	.04588	.03447	.03898	147.64000	4.48240	.04667
2.222	1.300	37.05800	5.96610	-2.38150	2.41200	.04593	.03446	.03896	147.62000	4.48140	.04683
2.224	1.500	37.06400	5.96620	-2.38300	2.41150	.04601	.03441	.03906	147.59000	4.48040	.04701
2.226	1.700	37.07200	5.96630	-2.38470	2.41060	.04624	.03451	.03953	147.55000	4.47870	.04733
2.227	1.900	37.08500	5.96640	-2.38670	2.41050	.04653	.03462	.04013	147.55000	4.47860	.04769
2.226	2.100	37.10200	5.96650	-2.38900	2.41070	.04682	.03474	.04095	147.57000	4.47900	.04807
2.226	2.224	37.10500	5.96650	-2.39000	2.41150	.04714	.03484	.04175	147.63000	4.48050	.04853
	GRADIENT	.04286	.00050	-.00670	-.00166	-.00034	-.00030	.00085	-.05429	-.00306	.00010

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0A257 (LARC 20-M6-6559) 0V102

(S7E076) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 273/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.710	-5.109	36.37300	5.94340	-2.18160	7.12800	.12108	.08479	.08975	429.41000	13.24500	.10664
7.718	-5.000	36.38100	5.94350	-2.18320	7.13340	.12119	.08486	.08961	429.76000	13.25500	.10679
7.722	-4.800	36.38500	5.94350	-2.18640	7.13580	.12083	.08512	.08934	429.93000	13.25900	.10697
7.730	-4.600	36.39600	5.94360	-2.18950	7.14450	.12031	.08576	.08873	430.48000	13.27500	.10728
7.723	-4.400	36.40000	5.94370	-2.19290	7.14530	.11991	.08666	.08863	430.55000	13.27700	.10779
7.741	-4.200	36.41500	5.94380	-2.19570	7.17030	.11959	.08745	.08860	432.08000	13.32300	.10830
7.726	-4.000	36.41900	5.94390	-2.19930	7.15680	.11942	.08804	.08863	431.29000	13.29800	.10867
7.735	-3.800	36.43000	5.94400	-2.20290	7.16540	.11939	.08840	.08884	431.84000	13.31400	.10890
7.721	-3.600	36.43600	5.94400	-2.20650	7.15100	.11951	.08882	.08886	431.00000	13.28700	.10909
7.713	-3.400	36.45100	5.94410	-2.21050	7.14410	.11944	.08912	.08882	430.60000	13.27400	.10916
7.710	-3.200	36.46300	5.94420	-2.21440	7.14210	.11963	.08963	.08879	430.51000	13.27100	.10960
7.683	-3.000	36.46800	5.94430	-2.21830	7.11810	.11974	.09028	.08884	429.09000	13.22600	.10999
7.676	-2.800	36.47100	5.94440	-2.22230	7.10250	.11989	.09067	.08875	428.17000	13.19700	.11041
7.662	-2.600	36.47900	5.94450	-2.22570	7.09910	.12010	.09097	.08878	427.99000	13.19100	.11078
7.641	-2.400	36.48300	5.94450	-2.22910	7.09100	.12026	.09125	.08895	427.53000	13.17600	.11121
7.626	-2.200	36.48500	5.94460	-2.23300	7.06940	.12029	.09128	.08913	426.25000	13.13600	.11133
7.633	-2.000	36.49300	5.94470	-2.23650	7.07490	.12034	.09138	.08917	426.60000	13.14600	.11163
7.601	-1.800	36.49300	5.94480	-2.24000	7.05680	.12043	.09158	.08913	425.54000	13.11200	.11187
7.594	-1.600	36.50100	5.94490	-2.24340	7.06210	.12044	.09174	.08912	425.88000	13.12200	.11212
7.602	-1.400	36.51200	5.94500	-2.24670	7.06970	.12046	.09189	.08916	426.37000	13.13600	.11241
7.600	-1.200	36.52100	5.94500	-2.25020	7.07560	.12067	.09220	.08928	426.75000	13.14700	.11292
7.614	-1.000	36.53300	5.94510	-2.25370	7.09350	.12100	.09265	.08940	427.85000	13.18000	.11356
7.611	-.800	36.54400	5.94520	-2.25730	7.09530	.12148	.09325	.08962	427.98000	13.18400	.11417
7.606	-.600	36.55500	5.94530	-2.26110	7.08820	.12175	.09379	.08976	427.58000	13.17100	.11450
7.634	-.400	36.56900	5.94540	-2.26490	7.10310	.12196	.09395	.08977	428.51000	13.19800	.11465
7.650	-.200	36.58300	5.94550	-2.26890	7.12000	.12228	.09413	.09002	429.55000	13.23000	.11515
7.624	.000	36.59100	5.94560	-2.27290	7.10640	.12250	.09398	.09018	428.75000	13.20400	.11540
7.624	.200	36.60400	5.94560	-2.27700	7.11540	.12259	.09369	.09022	429.32000	13.22100	.11568
7.645	.400	36.61500	5.94570	-2.28090	7.13360	.12299	.09358	.09047	430.44000	13.25500	.11624
7.636	.600	36.62000	5.94580	-2.28480	7.12110	.12324	.09356	.09074	429.72000	13.23200	.11660
7.635	.800	36.62800	5.94590	-2.28870	7.12130	.12330	.09346	.09092	429.75000	13.23200	.11704
7.639	1.000	36.63600	5.94600	-2.29250	7.13010	.12347	.09341	.09108	430.31000	13.24800	.11732
7.654	1.200	36.64100	5.94610	-2.29640	7.13030	.12349	.09328	.09118	430.35000	13.24900	.11759
7.675	1.400	36.65100	5.94610	-2.30020	7.14870	.12338	.09285	.09078	431.49000	13.28300	.11784
7.669	1.600	36.65600	5.94620	-2.30390	7.14640	.12322	.09221	.09027	431.37000	13.27900	.11799
7.661	1.800	36.66400	5.94630	-2.30800	7.14500	.12317	.09161	.08993	431.31000	13.27600	.11828
7.678	2.000	36.67100	5.94640	-2.31190	7.15670	.12339	.09147	.08992	432.04000	13.29800	.11870
7.700	2.132	36.67700	5.94650	-2.31450	7.16850	.12456	.09222	.09058	432.80000	13.32000	.11974
	GRADIENT	.05500	.00039	-.01986	.02770	.00122	-.00033	.00081	1.79465	.05143	.00179

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0A257 (LARC 20-M6-6559) DV102

(S7E176) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2294/ 0 RN/L = 2.22 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.233	-5.000	36.80100	5.96340	-2.34410	2.42550	.04478	.03312	.03863	148.17000	4.50660	.04516
2.228	-4.800	36.80400	5.96350	-2.34460	2.42400	.04470	.03303	.03861	148.08000	4.50370	.04509
2.221	-4.600	36.81200	5.96360	-2.34540	2.42350	.04472	.03303	.03861	148.06000	4.50280	.04496
2.218	-4.400	36.82600	5.96370	-2.34660	2.42200	.04466	.03319	.03862	147.98000	4.50010	.04486
2.218	-4.200	36.83700	5.96380	-2.34780	2.41990	.04465	.03341	.03871	147.86000	4.49610	.04482
2.218	-4.000	36.84500	5.96390	-2.34870	2.41840	.04464	.03362	.03880	147.78000	4.49330	.04475
2.221	-3.800	36.84800	5.96390	-2.34930	2.41710	.04468	.03385	.03896	147.70000	4.49090	.04470
2.221	-3.600	36.85000	5.96400	-2.35000	2.41610	.04475	.03413	.03909	147.65000	4.48890	.04471
2.220	-3.400	36.85400	5.96410	-2.35070	2.41590	.04484	.03426	.03907	147.65000	4.48860	.04469
2.220	-3.200	36.86100	5.96420	-2.35170	2.41470	.04483	.03433	.03910	147.59000	4.48650	.04468
2.216	-3.000	36.86900	5.96430	-2.35270	2.41520	.04491	.03428	.03905	147.62000	4.48730	.04460
2.214	-2.800	36.88300	5.96440	-2.35420	2.41340	.04496	.03424	.03887	147.53000	4.48410	.04456
2.212	-2.600	36.90000	5.96440	-2.35570	2.41330	.04504	.03424	.03864	147.53000	4.48390	.04455
2.210	-2.400	36.90800	5.96450	-2.35680	2.41310	.04515	.03419	.03840	147.52000	4.48350	.04456
2.211	-2.200	36.91400	5.96460	-2.35780	2.41360	.04528	.03415	.03807	147.56000	4.48440	.04459
2.215	-2.000	36.91500	5.96470	-2.35860	2.41430	.04536	.03407	.03790	147.61000	4.48570	.04467
2.222	-1.800	36.92000	5.96480	-2.35960	2.41530	.04549	.03405	.03768	147.68000	4.48750	.04476
2.222	-1.600	36.93000	5.96490	-2.36090	2.41460	.04559	.03404	.03754	147.65000	4.48620	.04493
2.220	-1.400	36.94100	5.96500	-2.36220	2.41340	.04581	.03415	.03751	147.59000	4.48410	.04513
2.220	-1.200	36.95300	5.96500	-2.36380	2.41260	.04593	.03433	.03754	147.54000	4.48250	.04534
2.219	-1.000	36.96900	5.96510	-2.36560	2.41210	.04607	.03451	.03759	147.52000	4.48150	.04562
2.227	-.800	36.97700	5.96520	-2.36680	2.41320	.04621	.03464	.03781	147.60000	4.48360	.04585
2.228	-.600	36.98400	5.96530	-2.36810	2.41310	.04628	.03477	.03806	147.60000	4.48350	.04603
2.229	-.400	36.98900	5.96540	-2.36920	2.41320	.04623	.03481	.03839	147.62000	4.48370	.04613
2.228	-.200	36.99300	5.96550	-2.37030	2.41340	.04614	.03476	.03871	147.64000	4.48410	.04617
2.227	.000	37.00000	5.96560	-2.37140	2.41290	.04602	.03457	.03888	147.61000	4.48300	.04613
2.226	.200	37.00800	5.96560	-2.37280	2.41200	.04598	.03454	.03899	147.57000	4.48150	.04615
2.226	.400	37.02600	5.96570	-2.37470	2.41210	.04594	.03457	.03902	147.58000	4.48160	.04618
2.225	.600	37.03800	5.96580	-2.37640	2.41150	.04593	.03457	.03907	147.56000	4.48050	.04631
2.221	.800	37.04600	5.96590	-2.37790	2.41090	.04594	.03455	.03904	147.53000	4.47930	.04647
2.219	1.000	37.05200	5.96600	-2.37920	2.41180	.04592	.03449	.03896	147.59000	4.48100	.04658
2.222	1.200	37.05400	5.96610	-2.38070	2.41210	.04589	.03444	.03894	147.62000	4.48150	.04676
2.222	1.400	37.06000	5.96620	-2.38220	2.41160	.04597	.03441	.03897	147.60000	4.48070	.04692
2.226	1.600	37.06700	5.96620	-2.38380	2.41090	.04609	.03444	.03922	147.56000	4.47930	.04714
2.227	1.800	37.07800	5.96630	-2.38570	2.41070	.04639	.03455	.03975	147.56000	4.47900	.04748
2.226	2.000	37.09300	5.96640	-2.38790	2.41010	.04666	.03468	.04051	147.53000	4.47790	.04787
2.226	2.200	37.10600	5.96650	-2.38990	2.41120	.04703	.03481	.04150	147.61000	4.47990	.04840
	GRADIENT	.04482	.00039	-.00686	-.00150	-.00032	-.00024	.00081	-.04821	-.00282	.00016

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OA257 (LARC 20-M6-6559) OV102

(S7E176) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 37.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2273/ 0 RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.709	-5.100	36.37300	5.94340	-2.18170	7.12810	.12111	.08479	.08972	429.42000	13.24500	.10666
7.725	-4.900	36.38300	5.94350	-2.18490	7.13680	.12108	.08495	.08954	429.97000	13.26100	.10686
7.724	-4.700	36.39000	5.94360	-2.18800	7.13490	.12052	.08540	.08900	429.88000	13.25700	.10708
7.722	-4.500	36.39400	5.94370	-2.19100	7.14330	.12012	.08621	.08867	430.42000	13.27300	.10757
7.737	-4.300	36.40700	5.94380	-2.19430	7.15860	.11970	.08706	.08863	431.36000	13.30100	.10801
7.734	-4.100	36.41900	5.94380	-2.19730	7.16980	.11956	.08783	.08855	432.07000	13.32200	.10853
7.737	-3.900	36.42600	5.94390	-2.20110	7.16330	.11937	.08822	.08870	431.70000	13.31000	.10878
7.725	-3.700	36.43400	5.94400	-2.20480	7.15690	.11950	.08860	.08889	431.34000	13.29800	.10897
7.716	-3.500	36.44500	5.94410	-2.20860	7.14500	.11949	.08900	.08885	430.64000	13.27600	.10912
7.714	-3.300	36.45600	5.94420	-2.21240	7.14650	.11950	.08936	.08883	430.76000	13.27900	.10935
7.688	-3.100	36.46300	5.94430	-2.21630	7.12270	.11968	.09001	.08889	429.35000	13.23500	.10981
7.681	-2.900	36.46900	5.94430	-2.22030	7.11010	.11980	.09047	.08877	428.61000	13.21100	.11022
7.668	-2.700	36.47200	5.94440	-2.22400	7.09750	.12000	.09086	.08880	427.88000	13.18800	.11061
7.658	-2.500	36.48300	5.94450	-2.22750	7.10110	.12021	.09109	.08879	428.12000	13.19500	.11099
7.625	-2.300	36.48200	5.94460	-2.23110	7.07460	.12023	.09129	.08904	426.55000	13.14500	.11132
7.638	-2.100	36.48900	5.94470	-2.23470	7.07580	.12031	.09128	.08920	426.65000	13.14700	.11143
7.620	-1.900	36.49300	5.94480	-2.23820	7.06760	.12040	.09151	.08915	426.18000	13.13200	.11176
7.599	-1.700	36.49900	5.94480	-2.24180	7.06200	.12038	.09159	.08912	425.87000	13.12200	.11194
7.594	-1.500	36.50500	5.94490	-2.24490	7.06270	.12048	.09183	.08919	425.93000	13.12300	.11226
7.606	-1.300	36.51600	5.94500	-2.24840	7.07570	.12057	.09201	.08924	426.74000	13.14700	.11265
7.606	-1.100	36.52400	5.94510	-2.25160	7.08520	.12081	.09240	.08939	427.34000	13.16500	.11322
7.612	-.900	36.54100	5.94520	-2.25560	7.09420	.12120	.09295	.08951	427.90000	13.18200	.11388
7.612	-.700	36.54900	5.94530	-2.25910	7.09800	.12162	.09354	.08971	428.16000	13.18900	.11435
7.617	-.500	36.55600	5.94530	-2.26300	7.08720	.12183	.09386	.08978	427.53000	13.16900	.11454
7.651	-.300	36.57900	5.94540	-2.26700	7.11860	.12210	.09404	.08986	429.45000	13.22700	.11489
7.632	-.100	36.58700	5.94550	-2.27100	7.10740	.12243	.09414	.09015	428.81000	13.20600	.11538
7.625	.100	36.59800	5.94560	-2.27490	7.11250	.12251	.09379	.09018	429.14000	13.21600	.11549
7.639	.300	36.61100	5.94570	-2.27900	7.13080	.12274	.09359	.09036	430.27000	13.25000	.11591
7.640	.500	36.61700	5.94580	-2.28270	7.12630	.12319	.09359	.09060	430.02000	13.24100	.11648
7.635	.700	36.62300	5.94580	-2.28680	7.11980	.12321	.09352	.09086	429.65000	13.22900	.11678
7.639	.900	36.63100	5.94590	-2.29070	7.12770	.12341	.09341	.09096	430.15000	13.24400	.11718
7.640	1.100	36.63800	5.94600	-2.29440	7.12510	.12352	.09339	.09118	430.02000	13.23900	.11745
7.668	1.300	36.64700	5.94610	-2.29850	7.14380	.12342	.09307	.09099	431.17000	13.27400	.11771
7.673	1.500	36.65300	5.94620	-2.30200	7.14810	.12335	.09256	.09056	431.46000	13.28200	.11797
7.674	1.700	36.66400	5.94630	-2.30610	7.15580	.12313	.09185	.09005	431.95000	13.29600	.11811
7.661	1.900	36.66600	5.94640	-2.30990	7.14200	.12315	.09149	.08985	431.14000	13.27000	.11835
7.682	2.100	36.67200	5.94650	-2.31360	7.15700	.12389	.09176	.09010	432.08000	13.29800	.11924
	GRADIENT	.05886	.00050	-.01977	.03389	.00126	-.00044	.00080	2.17714	.06271	.00184

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OA257 (LARC 20-M6-6559) DV102

(S7E077) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 40.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 295/0 RN/L = 2.20 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.208	-4.970	39.20000	5.96410	-2.47120	2.38190	.04969	.03673	.04188	145.57000	4.42540	.04924
2.211	-4.800	39.20700	5.96420	-2.47190	2.38170	.04966	.03667	.04160	145.57000	4.42520	.04916
2.213	-4.600	39.21600	5.96420	-2.47280	2.38260	.04970	.03675	.04183	145.63000	4.42680	.04907
2.209	-4.400	39.22100	5.96430	-2.47360	2.38210	.04975	.03685	.04176	145.60000	4.42580	.04889
2.203	-4.200	39.23300	5.96440	-2.47480	2.38160	.04981	.03698	.04186	145.58000	4.42490	.04876
2.201	-4.000	39.23800	5.96450	-2.47550	2.38360	.04989	.03716	.04209	145.72000	4.42870	.04877
2.198	-3.800	39.24400	5.96460	-2.47650	2.38350	.05000	.03740	.04229	145.72000	4.42850	.04880
2.198	-3.600	39.25300	5.96460	-2.47750	2.38390	.05007	.03771	.04261	145.75000	4.42920	.04890
2.196	-3.400	39.26500	5.96470	-2.47880	2.38320	.05030	.03805	.04298	145.71000	4.42790	.04906
2.195	-3.200	39.27200	5.96480	-2.47980	2.38230	.05057	.03849	.04355	145.67000	4.42620	.04932
2.195	-3.000	39.27800	5.96490	-2.48070	2.38110	.05083	.03889	.04404	145.60000	4.42390	.04955
2.198	-2.800	39.28900	5.96500	-2.48210	2.38090	.05111	.03918	.04432	145.60000	4.42370	.04981
2.197	-2.600	39.29400	5.96500	-2.48310	2.38030	.05130	.03937	.04462	145.57000	4.42250	.04991
2.198	-2.400	39.30500	5.96510	-2.48450	2.38110	.05156	.03957	.04475	145.63000	4.42400	.05004
2.200	-2.200	39.31500	5.96520	-2.48570	2.38180	.05170	.03965	.04470	145.68000	4.42540	.05010
2.198	-2.000	39.32100	5.96530	-2.48690	2.38180	.05186	.03972	.04459	145.69000	4.42530	.05015
2.197	-1.800	39.33100	5.96540	-2.48830	2.38190	.05194	.03980	.04456	145.70000	4.42560	.05018
2.200	-1.600	39.34000	5.96550	-2.48970	2.38230	.05203	.03981	.04455	145.73000	4.42620	.05025
2.204	-1.400	39.35200	5.96550	-2.49120	2.38160	.05209	.03987	.04435	145.70000	4.42490	.05039
2.206	-1.200	39.36100	5.96560	-2.49270	2.38120	.05218	.04001	.04424	145.68000	4.42420	.05061
2.202	-1.000	39.37000	5.96570	-2.49400	2.38190	.05229	.04009	.04387	145.73000	4.42540	.05074
2.201	-.800	39.37900	5.96580	-2.49550	2.38180	.05234	.04010	.04366	145.73000	4.42530	.05090
2.206	-.600	39.38600	5.96590	-2.49690	2.38200	.05239	.04001	.04357	145.76000	4.42570	.05100
2.205	-.400	39.39800	5.96590	-2.49850	2.38280	.05243	.03998	.04326	145.81000	4.42710	.05109
2.207	-.200	39.40400	5.96600	-2.49990	2.38300	.05239	.03998	.04324	145.84000	4.42760	.05114
2.203	.000	39.41700	5.96610	-2.50170	2.38250	.05226	.03990	.04300	145.81000	4.42660	.05113
2.204	.200	39.42100	5.96620	-2.50300	2.38210	.05204	.03973	.04280	145.79000	4.42580	.05104
2.201	.400	39.43400	5.96630	-2.50480	2.38140	.05182	.03959	.04252	145.76000	4.42460	.05099
2.200	.600	39.44300	5.96640	-2.50640	2.38210	.05164	.03949	.04231	145.81000	4.42590	.05100
2.196	.800	39.45300	5.96640	-2.50810	2.38130	.05156	.03943	.04209	145.77000	4.42440	.05107
2.195	1.000	39.45800	5.96650	-2.50970	2.38050	.05136	.03931	.04202	145.73000	4.42280	.05120
2.196	1.200	39.46800	5.96660	-2.51140	2.38070	.05124	.03923	.04208	145.75000	4.42330	.05134
2.194	1.400	39.48000	5.96670	-2.51350	2.37990	.05129	.03914	.04212	145.71000	4.42180	.05163
2.193	1.600	39.48500	5.96680	-2.51510	2.38020	.05138	.03915	.04259	145.74000	4.42230	.05190
2.192	1.800	39.49300	5.96680	-2.51700	2.37950	.05169	.03930	.04325	145.71000	4.42110	.05230
2.193	2.000	39.50800	5.96690	-2.51920	2.37910	.05220	.03975	.04430	145.69000	4.42030	.05303
2.193	2.167	39.50800	5.96710	-2.52060	2.37960	.05381	.04165	.04630	145.73000	4.42120	.05505
	GRADIENT	.04643	.00045	-.00789	-.00061	-.00068	-.00046	-.00102	.00000	-.00111	-.00006

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DA257 (LARC 20-M6-6559) OV102

(S7E077) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 40.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 274/ 0 RN/L = 7.65 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.794	-4.981	38.79400	5.94480	-2.30620	7.19050	.13337	.09691	.09565	433.61000	13.36100	.12109
7.780	-4.800	38.79800	5.94490	-2.30950	7.17970	.13317	.09705	.09562	432.99000	13.34100	.12113
7.759	-4.600	38.79600	5.94500	-2.31280	7.16580	.13307	.09715	.09559	432.17000	13.31500	.12121
7.729	-4.400	38.79500	5.94510	-2.31670	7.13790	.13246	.09723	.09544	430.52000	13.26300	.12106
7.708	-4.200	38.79900	5.94520	-2.32060	7.11820	.13201	.09737	.09534	429.35000	13.22600	.12097
7.691	-4.000	38.80800	5.94520	-2.32460	7.10470	.13177	.09764	.09533	428.56000	13.20100	.12105
7.686	-3.800	38.82600	5.94530	-2.32870	7.10500	.13166	.09791	.09565	428.61000	13.20200	.12130
7.686	-3.600	38.84200	5.94540	-2.33270	7.11150	.13225	.09863	.09666	429.02000	13.21400	.12187
7.668	-3.400	38.84900	5.94550	-2.33650	7.09930	.13255	.09925	.09771	428.31000	13.19100	.12243
7.679	-3.200	38.86000	5.94560	-2.34020	7.10730	.13311	.09970	.09875	428.82000	13.20600	.12302
7.675	-3.000	38.86200	5.94570	-2.34370	7.10760	.13347	.10009	.09958	428.86000	13.20700	.12363
7.669	-2.800	38.86900	5.94580	-2.34740	7.11030	.13383	.10067	.10010	429.05000	13.21200	.12436
7.676	-2.600	38.87700	5.94580	-2.35130	7.11490	.13424	.10129	.10059	429.35000	13.22000	.12515
7.686	-2.400	38.88800	5.94590	-2.35480	7.13290	.13482	.10222	.10113	430.46000	13.25400	.12601
7.672	-2.200	38.89400	5.94600	-2.35910	7.11850	.13529	.10297	.10141	429.62000	13.22700	.12655
7.685	-2.000	38.90600	5.94610	-2.36310	7.13420	.13553	.10348	.10172	430.60000	13.25600	.12704
7.689	-1.800	38.92200	5.94620	-2.36730	7.13870	.13622	.10419	.10235	430.89000	13.26400	.12770
7.689	-1.600	38.94100	5.94630	-2.37150	7.14430	.13668	.10478	.10279	431.25000	13.27500	.12825
7.700	-1.400	38.95800	5.94630	-2.37580	7.15030	.13697	.10535	.10325	431.64000	13.28600	.12879
7.668	-1.200	38.95800	5.94640	-2.38000	7.12160	.13718	.10576	.10367	429.93000	13.23200	.12944
7.640	-1.000	38.95100	5.94650	-2.38340	7.08490	.13668	.10551	.10343	427.74000	13.16400	.12930
7.609	-.800	38.95200	5.94660	-2.38700	7.06310	.13642	.10526	.10339	426.45000	13.12400	.12925
7.603	-.600	38.95300	5.94670	-2.39050	7.06120	.13639	.10523	.10329	426.36000	13.12000	.12938
7.591	-.400	38.95700	5.94680	-2.39390	7.05690	.13641	.10530	.10312	426.13000	13.11200	.12946
7.574	-.200	38.96300	5.94690	-2.39750	7.05130	.13670	.10546	.10304	425.82000	13.10200	.12957
7.572	.000	38.97300	5.94690	-2.40110	7.05490	.13690	.10541	.10268	426.06000	13.10900	.12960
7.588	.200	38.98600	5.94700	-2.40480	7.07580	.13732	.10536	.10213	427.35000	13.14700	.12972
7.554	.400	38.99300	5.94710	-2.40890	7.04060	.13722	.10489	.10128	425.25000	13.08200	.12968
7.550	.600	39.00900	5.94720	-2.41330	7.03720	.13709	.10424	.10054	425.07000	13.07600	.12952
7.553	.800	39.02000	5.94730	-2.41750	7.04500	.13711	.10373	.09989	425.57000	13.09000	.12974
7.559	1.000	39.03100	5.94740	-2.42150	7.05490	.13745	.10356	.09964	426.19000	13.10900	.13014
7.574	1.200	39.04200	5.94750	-2.42570	7.07080	.13773	.10354	.09958	427.17000	13.13800	.13074
7.585	1.400	39.04500	5.94750	-2.42970	7.07150	.13835	.10384	.09981	427.24000	13.13900	.13160
7.593	1.600	39.05100	5.94760	-2.43370	7.09010	.13927	.10475	.10000	428.39000	13.17400	.13281
7.594	1.800	39.05900	5.94770	-2.43830	7.10050	.14045	.10571	.10116	429.05000	13.19300	.13405
	GRADIENT	.04696	.00039	-.01888	-.01430	.00078	-.00069	-.00229	-.73214	-.02625	.00018

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PAGE 594

DA257 (LARC 20-M6-6559) OV102

(S7E177) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ. FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA	=	40.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO 2295 / O RN/L = 2.20 GRADIENT INTERVAL = - 60/- 60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.210	-4.900	39.20600	5.96410	-2.47160	2.38210	.04966	.03672	.04169	145.59000	4.42590	.04921
2.211	-4.700	39.21100	5.96420	-2.47240	2.38160	.04966	.03672	.04192	145.56000	4.42490	.04910
2.213	-4.500	39.22000	5.96430	-2.47330	2.38250	.04971	.03678	.04182	145.63000	4.42660	.04898
2.206	-4.300	39.22500	5.96440	-2.47410	2.38230	.04976	.03692	.04187	145.62000	4.42620	.04882
2.202	-4.100	39.23500	5.96440	-2.47510	2.38260	.04985	.03708	.04192	145.65000	4.42670	.04877
2.198	-3.900	39.24600	5.96450	-2.47630	2.38230	.04996	.03729	.04206	145.64000	4.42620	.04878
2.197	-3.700	39.24900	5.96460	-2.47700	2.38250	.05004	.03758	.04250	145.66000	4.42660	.04886
2.197	-3.500	39.25900	5.96470	-2.47810	2.38380	.05019	.03786	.04274	145.75000	4.42910	.04897
2.195	-3.300	39.26800	5.96480	-2.47920	2.38240	.05043	.03829	.04320	145.67000	4.42650	.04923
2.195	-3.100	39.27500	5.96480	-2.48020	2.38200	.05068	.03867	.04368	145.65000	4.42560	.04942
2.196	-2.900	39.28200	5.96490	-2.48130	2.38120	.05096	.03905	.04411	145.61000	4.42410	.04968
2.198	-2.700	39.29200	5.96500	-2.48260	2.38040	.05121	.03928	.04443	145.57000	4.42270	.04985
2.198	-2.500	39.29900	5.96510	-2.48380	2.38120	.05139	.03944	.04466	145.63000	4.42420	.04998
2.199	-2.300	39.30900	5.96520	-2.48500	2.38130	.05162	.03961	.04468	145.65000	4.42450	.05006
2.199	-2.100	39.32200	5.96530	-2.48660	2.38110	.05177	.03972	.04477	145.64000	4.42400	.05010
2.198	-1.900	39.32900	5.96530	-2.48770	2.38210	.05190	.03977	.04468	145.71000	4.42580	.05017
2.198	-1.700	39.33500	5.96540	-2.48890	2.38210	.05196	.03982	.04458	145.71000	4.42580	.05022
2.201	-1.500	39.34300	5.96550	-2.49030	2.38160	.05204	.03987	.04439	145.69000	4.42490	.05034
2.206	-1.300	39.35500	5.96560	-2.49190	2.38110	.05211	.03999	.04431	145.67000	4.42390	.05050
2.204	-1.100	39.36400	5.96570	-2.49320	2.38160	.05223	.04007	.04401	145.71000	4.42490	.05068
2.200	-.900	39.37500	5.96570	-2.49470	2.38150	.05233	.04013	.04377	145.71000	4.42470	.05082
2.205	-.700	39.38000	5.96580	-2.49600	2.38250	.05237	.04003	.04343	145.78000	4.42670	.05095
2.205	-.500	39.39100	5.96590	-2.49760	2.38230	.05242	.04001	.04325	145.78000	4.42620	.05104
2.207	-.300	39.40100	5.96600	-2.49910	2.38340	.05243	.03998	.04318	145.85000	4.42820	.05114
2.205	-.100	39.40800	5.96610	-2.50060	2.38300	.05231	.03991	.04316	145.84000	4.42760	.05115
2.204	.100	39.42000	5.96620	-2.50230	2.38250	.05215	.03980	.04291	145.81000	4.42660	.05108
2.202	.300	39.43100	5.96620	-2.50410	2.38170	.05193	.03960	.04268	145.77000	4.42500	.05099
2.200	.500	39.43600	5.96630	-2.50550	2.38130	.05171	.03952	.04246	145.76000	4.42440	.05099
2.197	.700	39.44500	5.96640	-2.50710	2.38140	.05157	.03945	.04231	145.77000	4.42450	.05098
2.195	.900	39.45700	5.96650	-2.50900	2.38120	.05141	.03937	.04217	145.77000	4.42420	.05113
2.196	1.100	39.46400	5.96660	-2.51060	2.38090	.05127	.03929	.04211	145.76000	4.42360	.05130
2.194	1.300	39.47400	5.96660	-2.51240	2.38000	.05125	.03919	.04210	145.71000	4.42200	.05151
2.194	1.500	39.48500	5.96670	-2.51440	2.38000	.05133	.03916	.04242	145.72000	4.42180	.05180
2.194	1.700	39.49300	5.96680	-2.51630	2.38040	.05155	.03922	.04282	145.75000	4.42260	.05205
2.192	1.900	39.50100	5.96690	-2.51810	2.37900	.05190	.03946	.04376	145.68000	4.42010	.05263
2.195	2.100	39.51000	5.96700	-2.52010	2.37970	.05272	.04031	.04484	145.73000	4.42130	.05368
GRADIENT		.04671	.00039	-.00803	-.00151	-.00075	-.00053	-.00082	-.05286	-.00280	-.00011

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102

(S7E177) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 40.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2274/ 0 RN/L = 7.65 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.784	-4.900	38.79400	5.94490	-2.30760	7.18270	.13323	.09698	.09569	433.15000	13.34600	.12120
7.776	-4.700	38.79600	5.94490	-2.31090	7.17860	.13319	.09710	.09561	432.93000	13.33800	.12118
7.740	-4.500	38.79400	5.94500	-2.31480	7.14810	.13274	.09718	.09554	431.12000	13.28200	.12119
7.720	-4.300	38.80100	5.94510	-2.31900	7.12950	.13223	.09724	.09537	430.02000	13.24700	.12101
7.701	-4.100	38.80400	5.94520	-2.32250	7.11220	.13189	.09752	.09531	429.00000	13.21500	.12097
7.682	-3.900	38.81500	5.94530	-2.32670	7.09850	.13161	.09775	.09539	428.20000	13.19000	.12114
7.685	-3.700	38.83600	5.94540	-2.33080	7.10800	.13196	.09823	.09612	428.80000	13.20700	.12152
7.679	-3.500	38.84500	5.94550	-2.33440	7.10890	.13243	.09899	.09721	428.88000	13.20900	.12219
7.671	-3.300	38.85600	5.94550	-2.33840	7.10180	.13279	.09943	.09819	428.48000	13.19600	.12220
7.672	-3.100	38.85900	5.94560	-2.34200	7.10210	.13332	.09989	.09926	428.52000	13.19600	.12334
7.675	-2.900	38.86800	5.94570	-2.34560	7.11180	.13366	.10035	.09987	429.13000	13.21400	.12399
7.670	-2.700	38.87100	5.94580	-2.34940	7.11410	.13403	.10093	.10035	429.29000	13.21900	.12473
7.685	-2.500	38.88300	5.94590	-2.35300	7.12620	.13450	.10171	.10084	430.05000	13.24100	.12555
7.679	-2.300	38.89000	5.94600	-2.35700	7.12640	.13513	.10268	.10131	430.09000	13.24200	.12633
7.671	-2.100	38.89800	5.94610	-2.36120	7.11920	.13529	.10319	.10155	429.68000	13.22800	.12674
7.693	-1.900	38.91500	5.94610	-2.36520	7.14180	.13590	.10383	.10204	431.07000	13.27000	.12737
7.691	-1.700	38.93200	5.94620	-2.36950	7.14390	.13636	.10446	.10258	431.22000	13.27400	.12798
7.691	-1.500	38.94800	5.94630	-2.37360	7.14490	.13690	.10508	.10302	431.30000	13.27600	.12848
7.702	-1.300	38.96100	5.94640	-2.37790	7.15150	.13708	.10555	.10345	431.73000	13.28800	.12917
7.649	-1.100	38.95300	5.94650	-2.38190	7.09640	.13697	.10565	.10359	428.42000	13.18600	.12941
7.621	-.900	38.94900	5.94660	-2.38500	7.07150	.13648	.10539	.10344	426.95000	13.13900	.12926
7.610	-.700	38.94900	5.94660	-2.38870	7.06540	.13636	.10522	.10332	426.60000	13.12800	.12928
7.591	-.500	38.95400	5.94670	-2.39230	7.05260	.13636	.10525	.10318	425.86000	13.10400	.12946
7.587	-.300	38.95900	5.94680	-2.39560	7.05850	.13653	.10538	.10300	426.24000	13.11500	.12952
7.572	-.100	38.96800	5.94690	-2.39930	7.05180	.13679	.10546	.10291	425.86000	13.10300	.12960
7.582	.100	38.98000	5.94700	-2.40300	7.06660	.13703	.10536	.10240	426.78000	13.13000	.12964
7.567	.300	38.98900	5.94710	-2.40680	7.05540	.13731	.10518	.10173	426.13000	13.10900	.12978
7.550	.500	38.99900	5.94720	-2.41110	7.03670	.13714	.10456	.10089	425.02000	13.07500	.12958
7.557	.700	39.01500	5.94720	-2.41530	7.04490	.13708	.10394	.10018	425.55000	13.09000	.12962
7.552	.900	39.02400	5.94730	-2.41940	7.04530	.13726	.10363	.09976	425.60000	13.09100	.12992
7.564	1.100	39.03600	5.94740	-2.42370	7.06320	.13757	.10356	.09965	426.70000	13.12400	.13046
7.577	1.300	39.03800	5.94750	-2.42750	7.06710	.13800	.10365	.09966	426.97000	13.13100	.13119
7.591	1.500	39.04900	5.94760	-2.43170	7.08150	.13883	.10422	.09975	427.86000	13.15800	.13218
7.603	1.700	39.06100	5.94770	-2.43600	7.10430	.13982	.10521	.10051	429.26000	13.20000	.13345
7.613	1.896	39.06600	5.94790	-2.44040	7.12070	.14144	.10654	.10308	430.31000	13.23100	.13529
	GRADIENT	.04671	.00050	-.01876	-.01057	.00093	-.00059	-.00225	-.51572	-.01943	.00020

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E078) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 335/ 0 RN/L = 7.57 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.476	-.349	-.03736	5.99800	-.00003	6.80090	.09284	.08931	.08645	425.50000	12.63400	.09375
7.508	-.297	-.03794	5.99560	-.00002	6.82730	.09322	.08971	.08678	426.46000	12.68400	.09421
7.665	-.236	-.02581	5.96980	-.00001	6.88010	.09322	.08898	.08689	422.14000	12.78300	.09421
7.514	1.079	-.03709	5.99450	.00017	6.84210	.09149	.08861	.08667	427.05000	12.71100	.09280
7.502	1.935	-.03737	5.99380	.00026	6.83450	.08954	.08657	.08458	426.36000	12.69700	.09098
7.566	2.947	-.03799	5.99290	.00042	6.89130	.08743	.08445	.08262	429.65000	12.80300	.08914
7.514	3.884	-.03501	5.99220	.00035	6.86890	.08586	.08252	.08066	428.04000	12.76100	.08781
7.461	4.742	-.03593	5.99140	.00050	6.79060	.08445	.08071	.07858	422.94000	12.61600	.08641
7.457	5.816	-.03569	5.99070	.00058	6.78310	.08505	.08009	.07737	422.26000	12.60200	.08684
7.525	6.694	-.03585	5.98990	.00069	6.85870	.08450	.07984	.07693	426.75000	12.74200	.08639
7.554	7.712	-.03605	5.98920	.00081	6.88980	.08293	.07926	.07530	428.46000	12.80000	.08576
7.539	8.637	-.03685	5.98840	.00103	6.84900	.08087	.07870	.07321	425.70000	12.72400	.08452
7.556	9.518	-.03603	5.98760	.00100	6.85340	.07989	.07840	.07256	425.72000	12.73200	.08282
7.622	10.709	-.03659	5.98640	.00123	6.95720	.08081	.07849	.07300	431.81000	12.92500	.08434
7.592	11.530	-.03632	5.98570	.00127	6.93290	.07968	.07556	.07081	430.10000	12.88000	.08254
7.613	12.650	-.03549	5.98480	.00121	6.92290	.07383	.07225	.06600	429.21000	12.86200	.07840
7.644	13.617	-.03312	5.98390	.00099	6.95850	.07074	.06853	.06272	431.15000	12.92800	.07410
7.648	14.617	-.03310	5.98280	.00105	6.95780	.06771	.06511	.05966	430.77000	12.92700	.06942
7.576	15.484	-.03616	5.98200	.00167	6.92190	.06891	.06428	.05944	428.30000	12.86000	.06928
7.569	16.681	-.03524	5.98100	.00154	6.90150	.07150	.06533	.06054	426.75000	12.82200	.07193
7.595	17.714	-.03489	5.98010	.00153	6.91030	.07231	.06499	.05999	427.03000	12.83800	.07332
7.602	18.565	-.03147	5.97910	.00179	6.92860	.07291	.06481	.05901	427.88000	12.87200	.07450
7.657	19.411	-.02728	5.97830	.00214	6.94780	.07480	.06533	.05944	428.82000	12.90800	.07647
7.635	20.629	-.02612	5.97750	.00222	6.94430	.07805	.06555	.06054	428.38000	12.90200	.08006
7.660	21.698	-.02649	5.97650	.00249	6.93960	.08179	.06629	.06097	427.79000	12.89300	.08461
7.581	22.708	-.02460	5.97580	.00186	6.89660	.08418	.06583	.06075	424.92000	12.81300	.09010
7.583	23.703	-.02392	5.97490	.00208	6.89760	.08808	.06574	.06076	424.72000	12.81500	.09741
7.637	24.261	-.02487	5.97380	.00211	6.93620	.09149	.06604	.06064	426.78000	12.88700	.10148
	GRADIENT	-.00171	-.00196	.00006	.06920	.00611	.00054	-.00021	3.69146	.12908	.00730

DATE 14 DEC 82

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E079) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 333/ 0 RN/L = 7.45 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.436	14.323	-.03731	5.99730	.00134	6.80730	.06839	.06574	.05481	425.72000	12.64600	.07160
7.403	14.490	-.03745	5.99600	.00139	6.79360	.06834	.06525	.05470	424.47000	12.62100	.07097
7.369	14.602	-.00650	5.98020	.00163	6.79410	.06688	.06497	.05350	419.87000	12.62300	.06938
7.397	15.443	-.03767	5.99560	.00180	6.77660	.06791	.06338	.05284	423.28000	12.58900	.06912
7.509	16.573	-.03758	5.99500	.00191	6.88310	.07056	.06417	.05339	429.76000	12.78700	.07123
7.462	17.737	-.03934	5.99450	.00229	6.85320	.07126	.06312	.05219	427.74000	12.73200	.07223
7.459	18.665	-.03881	5.99400	.00256	6.85450	.07148	.06319	.05164	427.68000	12.73400	.07283
7.464	19.265	-.03863	5.99350	.00225	6.85240	.07245	.06337	.05186	427.41000	12.73000	.07364
7.431	20.511	-.03891	5.99300	.00251	6.82130	.07516	.06439	.05307	425.32000	12.67300	.07681
7.466	21.591	-.03924	5.99250	.00277	6.86050	.07900	.06635	.05470	427.63000	12.74500	.08120
7.496	22.426	-.03856	5.99210	.00262	6.87600	.08089	.06660	.05492	428.46000	12.77400	.08420
7.461	23.573	-.03718	5.99150	.00261	6.85140	.08458	.06731	.05579	426.77000	12.72900	.09010
7.515	24.315	-.03731	5.99110	.00275	6.89980	.08707	.06716	.05591	429.64000	12.81800	.09427
7.502	25.309	-.03749	5.99070	.00296	6.90040	.08983	.06710	.05613	429.56000	12.82000	.09855
7.485	26.405	-.03841	5.99030	.00353	6.88770	.09302	.06722	.05689	428.65000	12.79600	.10502
7.470	27.367	-.03905	5.98980	.00350	6.87230	.09702	.06807	.05918	427.55000	12.76700	.11157
7.469	28.330	-.03778	5.98910	.00350	6.86300	.10303	.07069	.06344	426.77000	12.75000	.11869
7.459	29.341	-.03907	5.98870	.00433	6.85310	.10931	.07321	.06639	426.02000	12.73200	.12630
7.463	30.048	-.03884	5.98810	.00432	6.84750	.11504	.07542	.06803	425.52000	12.72100	.13302
7.458	31.395	-.03653	5.98750	.00380	6.83500	.12523	.07770	.07012	424.54000	12.69800	.14130
7.508	32.561	-.02693	5.98690	.00359	6.89490	.13512	.07935	.07120	428.10000	12.80900	.14952
7.488	33.339	-.02689	5.98650	.00367	6.89780	.14021	.07982	.07186	428.15000	12.81500	.15517
7.499	34.168	-.02709	5.98600	.00390	6.88680	.14714	.08148	.07328	427.32000	12.79500	.16291
7.475	35.278	-.02563	5.98530	.00376	6.88360	.15573	.08359	.07568	426.93000	12.78900	.17376
7.428	36.132	-.02741	5.98480	.00441	6.85600	.16288	.08572	.07831	425.07000	12.73700	.18229
7.434	37.235	-.02742	5.98440	.00458	6.85170	.17421	.08769	.07993	424.67000	12.72900	.19526
7.421	38.144	-.02701	5.98390	.00443	6.84910	.18684	.08943	.08115	424.36000	12.72500	.21015
7.394	39.085	-.02753	5.98320	.00497	6.84500	.19768	.09051	.08192	423.91000	12.71700	.22246
	GRADIENT	-.00018	-.00054	.00019	.06523	.00336	-.00020	.00015	3.86763	.11992	.00562

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0A257 (LARC 20-M6-6559) OV102 LESS DMS PODS

(S7EOBO) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN. YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. ZO
SCALE =	.0100				

BETA	=	.500	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 332/ O RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E081) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XD
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 331/ 0 RN/L = 7.57 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.499	-.234	.47268	5.99750	.00000	6.81360	.09627	.09235	.08847	426.15000	12.65800	.09734
7.689	-.191	.49391	5.97460	.00000	6.86320	.09313	.08682	.08388	422.50000	12.75100	.09312
7.575	1.403	.47281	5.99480	-.00007	6.87390	.09351	.09069	.08661	429.14000	12.77000	.09542
7.558	2.568	.47232	5.99430	-.00010	6.85980	.09151	.08789	.08388	428.10000	12.74400	.09304
7.567	3.683	.47097	5.99370	-.00012	6.84960	.08896	.08521	.08092	427.30000	12.72500	.09066
7.575	4.853	.47187	5.99320	-.00015	6.86040	.08723	.08289	.07864	427.82000	12.74500	.08902
7.533	6.354	.47034	5.99260	-.00003	6.82860	.08610	.08068	.07602	425.66000	12.68600	.08774
7.565	7.826	.47282	5.99200	-.00023	6.85080	.08399	.07929	.07382	426.85000	12.72700	.08601
7.538	8.995	.47369	5.99150	-.00055	6.83570	.08192	.07849	.07240	425.77000	12.69900	.08466
7.574	9.425	.47340	5.99090	-.00053	6.84130	.08143	.07763	.07186	425.94000	12.71000	.08409
7.570	10.566	.47281	5.99020	-.00049	6.86760	.07927	.07623	.07077	427.37000	12.75900	.08296
7.570	11.884	.47420	5.98960	-.00083	6.85140	.07467	.07107	.06553	426.20000	12.72900	.07758
7.527	13.151	.47605	5.98910	-.00134	6.83760	.06845	.06528	.05984	425.19000	12.70300	.07034
7.570	14.618	.47612	5.98850	-.00151	6.85410	.06817	.06381	.05810	426.04000	12.73400	.06876
7.585	16.078	.47564	5.98800	-.00153	6.88300	.07072	.06473	.05842	427.68000	12.78700	.07098
7.534	17.210	.47639	5.98750	-.00187	6.83180	.07191	.06387	.05798	424.36000	12.69200	.07225
7.582	18.370	.47561	5.98700	-.00207	6.83360	.07261	.06353	.05721	424.31000	12.69600	.07384
7.606	19.531	.47698	5.98640	-.00233	6.88050	.07418	.06335	.05722	427.07000	12.78300	.07585
7.595	20.730	.47671	5.98590	-.00238	6.90510	.07840	.06540	.05918	428.43000	12.82900	.08044
7.557	22.258	.47756	5.98520	-.00329	6.86760	.08192	.06531	.05918	425.89000	12.75900	.08625
7.519	23.314	.47813	5.98470	-.00370	6.82700	.08415	.06512	.05918	423.23000	12.68400	.09277
7.540	24.363	.47960	5.98410	-.00408	6.84990	.08815	.06464	.05973	424.49000	12.72600	.09830
7.550	26.095	.47890	5.98360	-.00408	6.87040	.09594	.06448	.06071	425.60000	12.76400	.10666
7.517	27.209	.47911	5.98310	-.00437	6.84050	.10265	.06522	.06213	423.61000	12.70900	.11255
7.566	28.313	.47763	5.98250	-.00382	6.90370	.10985	.06718	.06443	427.35000	12.82600	.11907
7.583	29.076	.47714	5.98200	-.00368	6.90810	.11515	.06942	.06661	427.46000	12.83400	.12366
7.569	30.320	.48193	5.98150	-.00376	6.91210	.12537	.07471	.07120	427.55000	12.84200	.13485
7.557	31.658	.48534	5.98090	-.00362	6.91070	.13576	.07950	.07513	427.30000	12.83900	.14534
7.548	33.131	.48688	5.98040	-.00415	6.88970	.14805	.08058	.07612	425.85000	12.80000	.15706
7.537	34.314	.48588	5.97980	-.00370	6.87620	.15746	.08193	.07776	424.86000	12.77500	.16685
7.564	35.639	.49223	5.97930	-.00346	6.86500	.16813	.08375	.08006	423.99000	12.75400	.17787
7.592	36.980	.49566	5.97870	-.00394	6.91770	.18282	.08585	.08299	427.08000	12.85200	.19232
7.625	38.306	.49622	5.97820	-.00380	6.90160	.19923	.08734	.08420	425.94000	12.82200	.20574
7.625	38.888	.49536	5.97750	-.00323	6.91820	.19831	.08967	.08475	426.77000	12.85300	.21635
	GRADIENT	.00140	-.00057	-.00037	.02183	.00382	-.00046	.00053	1.20118	.04003	.00527

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PAGE 600

DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E082) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 327/ 0 RN/L = 7.59 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.514	-.241	.04930	5.99970	-.00001	6.78600	.09782	.08978	.08690	425.08000	12.60700	.09685
7.735	-.065	.07801	5.98120	.00003	6.89630	.09220	.08303	.08100	426.49000	12.81200	.08905
7.543	.021	.05017	5.99850	.00005	6.82070	.09782	.09107	.08799	426.91000	12.67100	.09717
7.549	.959	.05029	5.99810	.00023	6.83290	.09869	.09301	.09018	427.54000	12.69400	.09769
7.520	1.761	.05100	5.99750	.00039	6.80690	.09593	.08910	.08700	425.75000	12.64600	.09500
7.532	2.988	.05048	5.99700	.00055	6.82010	.09431	.08714	.08384	426.41000	12.67000	.09397
7.566	3.864	.05185	5.99650	.00068	6.83070	.09452	.08532	.08220	426.94000	12.69000	.09639
7.561	4.648	.05112	5.99600	.00087	6.84190	.09388	.08542	.08209	427.49000	12.71100	.09800
7.599	5.801	.05183	5.99540	.00100	6.88450	.09307	.08401	.08231	429.98000	12.79000	.09563
7.553	6.778	.05214	5.99490	.00113	6.82770	.09242	.08409	.08340	426.28000	12.68400	.09613
7.580	7.822	.05367	5.99430	.00123	6.84150	.09318	.08435	.08778	426.96000	12.71000	.09744
7.564	8.761	.05491	5.99380	.00119	6.80850	.09469	.08475	.09214	424.75000	12.64900	.10202
7.566	9.554	.06308	5.99330	.00142	6.81490	.09517	.08542	.09486	425.00000	12.66100	.10337
7.537	10.540	.07137	5.99270	.00133	6.78520	.09674	.08632	.09651	422.98000	12.60600	.10428
7.574	11.414	.06000	5.99210	.00135	6.82040	.09847	.08689	.09923	425.00000	12.67100	.10573
7.617	12.411	.06000	5.99130	.00164	6.86010	.09755	.08652	.09978	427.24000	12.74500	.10394
7.624	13.314	.06000	5.99070	.00172	6.87120	.09771	.08548	.10032	427.74000	12.76500	.10343
7.606	14.403	.08663	5.99010	.00174	6.85030	.09798	.08434	.10359	426.28000	12.72700	.10354
7.642	15.320	.07063	5.98960	.00161	6.89460	.09918	.08331	.10459	428.87000	12.80900	.10472
7.614	16.617	.06000	5.98900	.00175	6.85410	.10269	.08420	.11104	426.18000	12.73400	.10940
7.609	17.831	.06000	5.98810	.00185	6.87480	.10809	.08594	.12215	427.19000	12.77200	.11632
7.574	18.681	.06000	5.98750	.00207	6.86310	.11048	.08595	.12555	426.30000	12.75000	.12012
7.600	19.404	.06000	5.98690	.00191	6.88900	.10318	.08468	.12281	427.74000	12.79900	.11672
7.552	20.575	.07007	5.98630	.00203	6.88010	.10236	.08475	.12456	426.99000	12.78200	.11998
7.576	21.813	.06664	5.98570	.00233	6.85200	.09853	.08695	.10786	425.08000	12.73000	.12049
7.625	22.834	.06568	5.98520	.00243	6.88790	.09053	.08069	.08176	427.16000	12.79700	.10337
7.644	23.701	.06599	5.98460	.00282	6.87320	.08127	.07204	.06648	426.08000	12.76900	.08892
7.664	24.313	.07275	5.98410	.00299	6.86390	.07797	.06695	.06310	425.35000	12.75200	.08492
GRADIENT		.01104	-.00081	.00028	-.01520	-.00539	-.00831	-.00552	-.1.19286	-.02778	-.00654

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E083) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = .1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 325/0 RN/L = 7.55 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.446	14.368	-.03747	5.99110	.00187	6.78990	.06353	.05896	.06286	422.82000	12.61400	.06521
7.535	14.428	-.03765	5.98940	.00193	6.86760	.06418	.05933	.06330	427.14000	12.75900	.06547
7.511	14.683	-.01464	5.97460	.00169	6.83630	.06267	.05880	.06264	420.85000	12.70100	.06514
7.544	15.481	-.03652	5.98880	.00177	6.87560	.06489	.05982	.06330	427.47000	12.77400	.06643
7.528	16.603	-.03715	5.98830	.00208	6.87940	.06657	.06092	.06526	427.55000	12.78100	.06764
7.549	17.670	-.03640	5.98780	.00199	6.88030	.06749	.06099	.06647	427.47000	12.78200	.06885
7.523	18.434	-.03708	5.98740	.00230	6.87080	.06895	.06151	.06745	426.75000	12.76500	.07006
7.527	19.563	-.03758	5.98690	.00261	6.88260	.07122	.06163	.06832	427.33000	12.78700	.07217
7.538	20.705	-.03650	5.98650	.00239	6.87110	.07425	.06304	.07062	426.50000	12.76500	.07383
7.510	21.740	-.03801	5.98600	.00271	6.85550	.07690	.06381	.07237	425.39000	12.73600	.07429
7.540	21.999	-.03703	5.98560	.00275	6.86210	.07658	.06273	.07127	425.67000	12.74900	.07358
7.558	23.129	-.03799	5.98490	.00289	6.91020	.07885	.06271	.07291	428.46000	12.83800	.07551
7.569	24.047	-.03721	5.98440	.00310	6.92330	.08139	.06265	.07270	429.13000	12.86200	.07653
7.558	25.369	-.03534	5.98390	.00290	6.91860	.08487	.06464	.07466	428.66000	12.85400	.07901
7.522	26.487	-.02736	5.98330	.00256	6.88460	.08470	.06590	.07685	426.39000	12.79100	.08043
7.546	27.212	-.02619	5.98280	.00304	6.89630	.08633	.06793	.07783	426.97000	12.81200	.08248
7.577	28.371	-.02643	5.98240	.00331	6.94400	.08990	.07094	.07991	429.79000	12.90100	.08625
7.569	29.102	-.02811	5.98190	.00377	6.91670	.09228	.07211	.08056	427.97000	12.85000	.08836
7.590	30.177	-.02801	5.98150	.00387	6.94350	.09661	.07478	.08253	429.49000	12.90000	.09289
7.579	31.501	-.02219	5.98100	.00359	6.94590	.10164	.07803	.08712	429.49000	12.90500	.09827
7.586	32.469	-.01710	5.98030	.00366	6.93640	.10489	.07862	.09226	428.71000	12.88700	.10218
7.516	33.247	-.02221	5.97990	.00384	6.88600	.10667	.07905	.09739	425.47000	12.79300	.10493
7.560	33.940	.02599	5.97940	.00371	6.91650	.10884	.07985	.10308	427.22000	12.85000	.10794
7.654	35.278	-.02380	5.97890	.00452	6.98620	.11447	.08157	.11269	431.37000	12.98000	.11517
7.566	36.328	-.02575	5.97840	.00398	6.94160	.11847	.08305	.11772	428.46000	12.89700	.12009
7.558	37.285	-.01380	5.97780	.00412	6.92150	.12118	.08397	.12067	427.05000	12.85900	.12399
7.577	38.210	-.01331	5.97740	.00390	6.92760	.12513	.08618	.12297	427.30000	12.87100	.12911
7.578	39.056	-.01534	5.97690	.00403	6.94610	.13097	.08852	.12548	428.30000	12.90500	.13519
	GRADIENT	.00085	-.00053	.00023	.01427	.00277	-.00007	-.00024	.73004	.02615	.00111

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7EO84) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = -.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 328/ 0 RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.297	-.414	-.55840	6.00720	-.00011	6.69570	.08923	.08622	.08045	421.60000	12.43900	.08975
7.361	-.398	-.55925	6.00590	-.00010	6.74120	.09485	.08935	.08438	424.09000	12.52300	.09640
7.486	-.232	-.52949	5.98340	-.00001	6.79630	.09490	.08544	.08056	420.97000	12.62600	.09300
7.397	1.787	-.55885	6.00490	.00100	6.75940	.09155	.08722	.08209	424.95000	12.55700	.09211
7.351	2.851	-.55698	6.00450	.00144	6.73590	.08853	.08438	.07893	423.34000	12.51300	.08892
7.345	3.766	-.55820	6.00400	.00189	6.70660	.08609	.08058	.07653	421.37000	12.45900	.08588
7.328	4.808	-.55686	6.00350	.00235	6.70390	.08307	.07703	.07401	421.05000	12.45400	.08182
7.358	5.781	-.55759	6.00300	.00289	6.71300	.08231	.07434	.07205	421.48000	12.47100	.08069
7.387	6.851	-.55693	6.00260	.00321	6.75430	.08186	.07297	.07064	423.94000	12.54800	.08006
7.389	8.044	-.55490	6.00210	.00361	6.75500	.07943	.07062	.06834	423.84000	12.54900	.07806
7.411	9.340	-.55413	6.00150	.00406	6.76210	.07662	.06844	.06659	424.12000	12.56200	.07543
7.435	10.864	-.55478	6.00100	.00484	6.78370	.07386	.06756	.06550	425.33000	12.60200	.07256
7.481	12.275	-.55116	6.00060	.00512	6.81860	.07154	.06636	.06266	427.37000	12.66700	.07079
7.447	13.477	-.55365	6.00000	.00574	6.79780	.06986	.06393	.06048	425.91000	12.62900	.06931
7.430	14.454	-.55244	5.99950	.00587	6.78340	.06900	.06273	.05916	424.87000	12.60200	.06827
7.445	15.952	-.55223	5.99900	.00643	6.80530	.06889	.06203	.05862	426.08000	12.64300	.06835
7.430	17.340	-.55204	5.99850	.00695	6.79600	.06802	.06148	.05742	425.35000	12.62500	.06766
7.427	18.624	-.55257	5.99780	.00765	6.76640	.06846	.06053	.05644	423.31000	12.57000	.06772
7.446	19.088	-.55010	5.99710	.00768	6.79650	.06954	.06055	.05665	424.98000	12.62600	.06826
7.497	20.512	-.55010	5.99620	.00829	6.86850	.07208	.06151	.05742	429.20000	12.76000	.06964
7.473	21.800	-.54907	5.99570	.00883	6.85170	.07430	.06298	.05807	428.02000	12.72900	.07160
7.423	23.033	-.54942	5.99520	.00951	6.78720	.07943	.06449	.06037	423.84000	12.60900	.07531
7.458	24.114	-.54977	5.99460	.01014	6.82380	.08258	.06470	.06211	425.95000	12.67700	.07850
7.398	24.871	-.54915	5.99380	.01022	6.76990	.08323	.06406	.06135	422.34000	12.57700	.07889
7.459	25.785	-.54899	5.99320	.01012	6.79800	.08480	.06522	.06211	423.92000	12.62900	.08055
7.479	27.997	-.54966	5.99270	.01141	6.84310	.08977	.06792	.06550	426.58000	12.71300	.08630
7.555	29.349	-.54916	5.99200	.01231	6.86590	.09323	.06798	.06658	427.80000	12.75500	.09062
7.470	31.076	-.54146	5.99120	.01218	6.83660	.09950	.06817	.06921	425.75000	12.70100	.09774
7.452	32.395	-.53739	5.99060	.01275	6.81670	.10442	.07050	.07150	424.34000	12.66400	.10266
7.467	33.384	-.53708	5.99010	.01303	6.79610	.10966	.07356	.07389	422.91000	12.62600	.10819
7.527	34.277	-.53681	5.98960	.01328	6.88050	.11907	.07609	.07576	427.99000	12.78300	.11621
7.486	35.442	-.53321	5.98890	.01410	6.83250	.12955	.08528	.07662	424.82000	12.69400	.11669
7.510	36.502	-.53314	5.98840	.01390	6.84640	.12598	.08538	.07783	425.53000	12.71900	.12035
7.556	38.009	-.52903	5.98790	.01454	6.89600	.13962	.08650	.07849	428.45000	12.81200	.13744
7.477	38.780	-.52551	5.98720	.01527	6.84040	.14768	.08392	.07686	424.80000	12.70800	.14051
	GRADIENT	.00011	-.00075	.00040	-.00645	.00212	-.00020	.00061	-.62677	-.01192	.00202

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E085) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 329/ 0 RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.266	-.170	.50437	5.99250	-.00000	6.80610	.08507	.07852	.07118	424.22000	12.64400	.08293
7.249	-.052	.47487	6.00710	-.00001	6.66490	.08664	.07998	.07316	419.64000	12.38100	.08456
7.274	1.171	.47448	6.00670	-.00012	6.67480	.08501	.07826	.07172	420.14000	12.40000	.08297
7.295	2.307	.47526	6.00630	-.00022	6.68900	.08030	.07363	.06757	420.93000	12.42600	.07896
7.346	3.338	.47534	6.00590	-.00031	6.71780	.08013	.07274	.06680	422.63000	12.48000	.07831
7.355	4.780	.47529	6.00550	-.00043	6.74290	.07727	.06921	.06408	424.09000	12.52600	.07506
7.363	5.972	.47438	6.00510	-.00055	6.74070	.07689	.06885	.06299	423.84000	12.52200	.07525
7.374	7.226	.47381	6.00480	-.00059	6.74920	.07505	.06683	.06048	424.27000	12.53800	.07380
7.401	8.456	.47531	6.00440	-.00090	6.77710	.07208	.06449	.05807	425.91000	12.59000	.07167
7.453	9.441	.47677	6.00410	-.00108	6.82980	.06921	.06329	.05633	429.12000	12.68800	.06868
7.462	10.784	.47542	6.00370	-.00117	6.84480	.06673	.06268	.05502	429.95000	12.71600	.06644
7.463	12.048	.47594	6.00330	-.00142	6.83240	.06613	.06148	.05393	429.07000	12.69300	.06554
7.453	13.250	.47690	6.00300	-.00155	6.81820	.06532	.06000	.05251	428.07000	12.66600	.06471
7.432	14.496	.47660	6.00260	-.00162	6.80290	.06532	.05957	.05229	426.99000	12.63800	.06471
7.462	15.697	.47660	6.00220	-.00203	6.81330	.06581	.06028	.05316	427.54000	12.65700	.06567
7.408	16.691	.47798	6.00190	-.00227	6.76080	.06629	.06084	.05393	424.14000	12.56000	.06663
7.434	18.092	.48410	6.00150	-.00220	6.76310	.06759	.06062	.05382	424.17000	12.56400	.06726
7.512	19.366	.48612	6.00110	-.00237	6.82600	.06943	.06032	.05404	428.01000	12.68100	.06830
7.528	20.700	.48750	6.00080	-.00268	6.85200	.07219	.06114	.05491	429.53000	12.72900	.07027
7.492	22.161	.48641	6.00040	-.00285	6.82240	.07522	.06301	.05644	427.57000	12.67400	.07314
7.512	23.272	.48715	6.00010	-.00290	6.84740	.07651	.06317	.05611	429.03000	12.72100	.07437
7.550	24.294	.48856	5.99970	-.00364	6.86890	.07792	.06329	.05611	430.28000	12.76100	.07596
7.558	25.626	.48775	5.99940	-.00349	6.88590	.08019	.06560	.05742	431.24000	12.79200	.07923
7.553	26.884	.48919	5.99900	-.00437	6.89120	.08231	.06381	.05916	431.47000	12.80200	.08228
7.542	28.168	.48861	5.99870	-.00432	6.85660	.08550	.06366	.06113	429.20000	12.73800	.08587
7.555	29.387	.48760	5.99830	-.00400	6.87740	.09042	.06522	.06331	430.39000	12.77700	.09097
7.579	30.464	.48860	5.99790	-.00471	6.89590	.09518	.06827	.06616	431.44000	12.81100	.09699
7.536	30.992	.48754	5.99750	-.00421	6.88750	.09744	.07025	.06713	430.79000	12.79500	.10053
7.533	33.020	.49313	5.99700	-.00491	6.88440	.10556	.07207	.07118	430.45000	12.79000	.10875
7.527	34.192	.49590	5.99660	-.00436	6.88440	.11118	.07315	.07369	430.33000	12.79000	.11426
7.514	35.538	.49646	5.99630	-.00428	6.84580	.11864	.07498	.07685	427.82000	12.71800	.12183
7.493	36.578	.49835	5.99590	-.00437	6.83960	.12556	.07719	.07914	427.32000	12.70600	.12893
7.515	37.899	.50208	5.99550	-.00439	6.87830	.13317	.07872	.08023	429.63000	12.77800	.13637
7.423	39.184	.50499	5.99520	-.00302	6.84960	.14172	.08002	.08198	427.74000	12.72500	.14554
	GRADIENT	.00138	-.00039	-.00073	.02104	.00138	.00012	.00000	1.22297	.03914	.00156

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0A257 (LARC 20-M6-6559) OV102 LESS DMS'PODS

(S7E086) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 340/ 0 RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.617	-4.428	14.45100	5.97200	-.93983	7.01490	.05925	.05772	.05756	431.06000	13.03300	.06297
7.589	-4.300	14.45400	5.97220	-.94054	6.98380	.05935	.05776	.05758	429.22000	12.97500	.06299
7.590	-4.100	14.45900	5.97230	-.94174	6.98240	.05941	.05787	.05779	429.17000	12.97300	.06306
7.603	-3.900	14.46100	5.97240	-.94281	6.98950	.05975	.05820	.05798	429.65000	12.98600	.06332
7.601	-3.700	14.46600	5.97260	-.94395	6.99260	.06010	.05848	.05829	429.88000	12.99200	.06356
7.589	-3.500	14.46400	5.97270	-.94472	6.98990	.06038	.05869	.05861	429.74000	12.98700	.06376
7.587	-3.300	14.46900	5.97280	-.94601	6.98880	.06045	.05874	.05869	429.71000	12.98500	.06383
7.575	-3.100	14.46900	5.97300	-.94700	6.97490	.06046	.05884	.05877	428.90000	12.95900	.06387
7.566	-2.900	14.47400	5.97310	-.94848	6.96880	.06039	.05885	.05850	428.57000	12.94700	.06394
7.574	-2.700	14.47600	5.97320	-.94955	6.97320	.06038	.05894	.05825	428.88000	12.95600	.06399
7.574	-2.500	14.48200	5.97330	-.95108	6.97190	.06045	.05905	.05800	428.83000	12.95300	.06401
7.564	-2.300	14.48300	5.97350	-.95238	6.96240	.06053	.05911	.05787	428.28000	12.93500	.06414
7.546	-2.100	14.48500	5.97360	-.95380	6.94410	.06062	.05921	.05797	427.20000	12.90200	.06431
7.535	-1.900	14.48900	5.97370	-.95512	6.94300	.06085	.05937	.05815	427.17000	12.89900	.06453
7.529	-1.700	14.49400	5.97380	-.95647	6.94150	.06109	.05957	.05844	427.11000	12.89700	.06477
7.529	-1.500	14.49700	5.97400	-.95781	6.93900	.06131	.05977	.05888	426.99000	12.89200	.06501
7.530	-1.300	14.50100	5.97410	-.95924	6.94630	.06147	.05976	.05944	427.48000	12.90600	.06523
7.524	-1.100	14.50400	5.97420	-.96052	6.94750	.06121	.05943	.05945	427.59000	12.90800	.06478
7.534	-.900	14.50700	5.97430	-.96182	6.94840	.06035	.05878	.05884	427.68000	12.91000	.06379
7.554	-.700	14.51000	5.97450	-.96318	6.94230	.05949	.05844	.05793	427.34000	12.89800	.06289
7.565	-.500	14.51600	5.97460	-.96450	6.95600	.05911	.05860	.05771	428.22000	12.92400	.06256
7.540	-.300	14.52200	5.97470	-.96604	6.95920	.05889	.05850	.05741	428.46000	12.93000	.06236
7.547	-.100	14.52800	5.97480	-.96748	6.96880	.05848	.05803	.05697	429.09000	12.94700	.06194
7.550	.100	14.53100	5.97500	-.96875	6.96670	.05813	.05756	.05659	429.00000	12.94300	.06153
7.589	.300	14.53600	5.97510	-.97031	6.97070	.05778	.05720	.05651	429.29000	12.95100	.06120
7.586	.500	14.54100	5.97520	-.97167	6.96910	.05741	.05683	.05629	429.22000	12.94800	.06093
7.592	.700	14.54400	5.97540	-.97310	6.98900	.05725	.05671	.05638	430.49000	12.98500	.06080
7.553	.900	14.54800	5.97550	-.97461	6.96040	.05729	.05683	.05660	428.77000	12.93200	.06095
7.561	1.100	14.55200	5.97560	-.97605	6.96900	.05747	.05690	.05693	429.33000	12.94800	.06103
7.549	1.300	14.55600	5.97580	-.97741	6.96600	.05778	.05685	.05724	429.19000	12.94200	.06131
7.573	1.500	14.56300	5.97590	-.97896	6.98460	.05800	.05672	.05734	430.38000	12.97700	.06149
7.588	1.700	14.56700	5.97600	-.98033	6.98840	.05838	.05663	.05721	430.65000	12.98400	.06170
7.569	1.900	14.56700	5.97620	-.98160	6.98710	.05889	.05668	.05712	430.61000	12.98100	.06206
7.554	2.100	14.57400	5.97630	-.98339	6.97490	.05903	.05656	.05705	429.89000	12.95900	.06221
7.551	2.300	14.57400	5.97640	-.98465	6.95870	.05879	.05615	.05681	428.94000	12.92800	.06191
7.524	2.500	14.57700	5.97660	-.98610	6.94190	.05828	.05553	.05641	427.94000	12.89700	.06135
7.512	2.700	14.58000	5.97670	-.98763	6.93420	.05761	.05492	.05587	427.51000	12.88300	.06059
7.526	2.900	14.58200	5.97680	-.98914	6.94340	.05696	.05439	.05515	428.12000	12.90000	.05985
7.548	3.100	14.58400	5.97700	-.99057	6.95430	.05652	.05405	.05483	428.83000	12.92000	.05939
7.516	3.300	14.58500	5.97710	-.99223	6.92030	.05618	.05383	.05466	426.77000	12.85700	.05912
7.522	3.500	14.58800	5.97720	-.99380	6.91850	.05597	.05360	.05448	426.70000	12.85400	.05902
7.520	3.700	14.59400	5.97740	-.99565	6.91830	.05592	.05351	.05455	426.73000	12.85300	.05913
GRADIENT	.02429	.00063	-.00713	.01399	-.00174	-.00188	-.00145	1.05715	.02557	-.00172	

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E186) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2340/ 0 RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.610	-4.400	14.45500	5.97200	-.94014	7.01090	.05930	.05774	.05747	430.84000	13.02600	.06299
7.588	-4.200	14.46000	5.97230	-.94140	6.98160	.05934	.05781	.05755	429.11000	12.97100	.06300
7.603	-4.000	14.45900	5.97240	-.94217	6.98940	.05959	.05806	.05791	429.63000	12.98600	.06317
7.593	-3.800	14.46300	5.97250	-.94345	6.98300	.05995	.05830	.05816	429.27000	12.97400	.06348
7.599	-3.600	14.46500	5.97260	-.94431	6.99410	.06025	.05859	.05843	429.98000	12.99400	.06367
7.587	-3.400	14.46700	5.97280	-.94541	6.98860	.06043	.05876	.05864	429.68000	12.98400	.06382
7.585	-3.200	14.46600	5.97290	-.94633	6.98640	.06048	.05879	.05868	429.58000	12.98000	.06381
7.565	-3.000	14.47000	5.97300	-.94775	6.96580	.06045	.05881	.05870	428.36000	12.94200	.06389
7.567	-2.800	14.47400	5.97320	-.94888	6.97000	.06044	.05890	.05837	428.66000	12.95000	.06397
7.577	-2.600	14.47900	5.97330	-.95026	6.97490	.06040	.05900	.05808	429.00000	12.95900	.06401
7.571	-2.400	14.48500	5.97340	-.95188	6.96790	.06047	.05910	.05798	428.60000	12.94600	.06408
7.549	-2.200	14.48600	5.97350	-.95321	6.94950	.06058	.05915	.05792	427.51000	12.91200	.06420
7.546	-2.000	14.48800	5.97370	-.95441	6.94920	.06077	.05925	.05799	427.53000	12.91100	.06439
7.531	-1.800	14.49000	5.97380	-.95567	6.94010	.06097	.05947	.05821	427.01000	12.89400	.06466
7.525	-1.600	14.49500	5.97390	-.95718	6.93800	.06119	.05972	.05865	426.91000	12.89000	.06492
7.534	-1.400	14.49900	5.97400	-.95854	6.94490	.06140	.05977	.05922	427.38000	12.90300	.06517
7.524	-1.200	14.50200	5.97410	-.95982	6.94620	.06141	.05965	.05932	427.49000	12.90500	.06511
7.523	-1.000	14.50400	5.97430	-.96109	6.94360	.06085	.05916	.05924	427.37000	12.90100	.06433
7.545	-.800	14.50900	5.97440	-.96258	6.94520	.05983	.05850	.05846	427.50000	12.90400	.06328
7.560	-.600	14.51600	5.97450	-.96394	6.94320	.05931	.05851	.05783	427.42000	12.90000	.06267
7.554	-.400	14.52200	5.97460	-.96541	6.95960	.05905	.05861	.05752	428.47000	12.93000	.06249
7.534	-.200	14.52500	5.97480	-.96684	6.95860	.05870	.05835	.05726	428.44000	12.92800	.06216
7.546	.000	14.53100	5.97490	-.96815	6.96720	.05828	.05777	.05686	429.01000	12.94400	.06171
7.567	.200	14.53200	5.97500	-.96941	6.96590	.05791	.05738	.05657	428.97000	12.94200	.06135
7.589	.400	14.53900	5.97520	-.97106	6.97030	.05761	.05701	.05637	429.28000	12.95000	.06107
7.596	.600	14.54100	5.97530	-.97228	6.98250	.05729	.05675	.05620	430.07000	12.97300	.06081
7.566	.800	14.54300	5.97540	-.97368	6.97030	.05727	.05681	.05653	429.36000	12.95000	.06087
7.555	1.000	14.55000	5.97560	-.97523	6.96350	.05733	.05689	.05678	428.98000	12.93800	.06097
7.554	1.200	14.55300	5.97570	-.97667	6.96490	.05762	.05688	.05713	429.11000	12.94000	.06117
7.566	1.400	14.56200	5.97580	-.97826	6.98100	.05786	.05679	.05728	430.13000	12.97000	.06140
7.584	1.600	14.56500	5.97600	-.97967	6.98160	.05818	.05663	.05731	430.21000	12.97100	.06159
7.577	1.800	14.56700	5.97610	-.98095	6.98940	.05866	.05668	.05713	430.73000	12.98600	.06193
7.566	2.000	14.57200	5.97620	-.98252	6.98900	.05899	.05666	.05712	430.74000	12.98500	.06221
7.558	2.200	14.57300	5.97640	-.98397	6.96650	.05892	.05639	.05692	429.40000	12.94300	.06211
7.532	2.400	14.57400	5.97650	-.98524	6.94720	.05856	.05583	.05644	428.25000	12.90700	.06166
7.519	2.600	14.58000	5.97660	-.98699	6.94030	.05795	.05519	.05605	427.86000	12.89400	.06097
7.518	2.800	14.57900	5.97680	-.98823	6.93860	.05728	.05465	.05553	427.80000	12.89100	.06021
7.540	3.000	14.58400	5.97690	-.98999	6.94740	.05672	.05421	.05504	428.38000	12.90800	.05959
7.539	3.200	14.58500	5.97700	-.99147	6.94420	.05631	.05396	.05468	428.22000	12.90200	.05925
7.523	3.400	14.58600	5.97720	-.99298	6.91990	.05604	.05368	.05444	426.77000	12.85600	.05908
7.524	3.600	14.58900	5.97730	-.99477	6.92670	.05592	.05353	.05442	427.23000	12.86900	.05905
7.518	3.799	14.59100	5.97740	-.99606	6.91780	.05594	.05347	.05439	426.71000	12.85300	.05913
GRADIENT	.02071	.00068	-.00694	.02618	-.00174	-.00169	-.00141	1.80358	.04875	-.00165	

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0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 606

0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7EO87) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 341/0 RN/L = 7.61 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.609	-4.447	19.30300	5.97540	-1.23680	6.91780	.06660	.06318	.05832	426.13000	12.85300	.07168
7.623	-4.300	19.31100	5.97570	-1.23720	6.93170	.06674	.06336	.05860	427.05000	12.87800	.07184
7.626	-4.100	19.32400	5.97580	-1.23930	6.92740	.06684	.06339	.05855	426.82000	12.87000	.07189
7.631	-3.900	19.32300	5.97590	-1.24050	6.93520	.06686	.06342	.05887	427.33000	12.88500	.07193
7.636	-3.700	19.32700	5.97600	-1.24220	6.93690	.06670	.06346	.05916	427.47000	12.88800	.07177
7.631	-3.500	19.32700	5.97610	-1.24350	6.92710	.06621	.06341	.05921	426.90000	12.87000	.07122
7.638	-3.300	19.33400	5.97620	-1.24520	6.93800	.06555	.06330	.05881	427.61000	12.89000	.07048
7.642	-3.100	19.33900	5.97640	-1.24670	6.94950	.06473	.06294	.05842	428.35000	12.91100	.06971
7.636	-2.900	19.34500	5.97650	-1.24850	6.94060	.06388	.06228	.05796	427.84000	12.89500	.06890
7.640	-2.700	19.35000	5.97660	-1.25020	6.93830	.06307	.06141	.05745	427.73000	12.89100	.06816
7.620	-2.500	19.35000	5.97670	-1.25180	6.91540	.06247	.06048	.05686	426.35000	12.84800	.06760
7.612	-2.300	19.35400	5.97680	-1.25350	6.91200	.06190	.05941	.05603	426.17000	12.84200	.06694
7.594	-2.100	19.35700	5.97690	-1.25510	6.89810	.06156	.05854	.05574	425.35000	12.81600	.06659
7.595	-1.900	19.36000	5.97710	-1.25710	6.89160	.06150	.05785	.05542	424.98000	12.80400	.06647
7.584	-1.700	19.36900	5.97720	-1.25920	6.88290	.06156	.05733	.05510	424.48000	12.78800	.06651
7.589	-1.500	19.37600	5.97730	-1.26140	6.89800	.06196	.05711	.05509	425.44000	12.81600	.06682
7.602	-1.300	19.37800	5.97740	-1.26340	6.89020	.06230	.05698	.05528	425.00000	12.80100	.06716
7.613	-1.100	19.38600	5.97750	-1.26580	6.90400	.06264	.05689	.05539	425.88000	12.82700	.06748
7.584	-.900	19.39200	5.97760	-1.26820	6.89330	.06300	.05699	.05555	425.26000	12.80700	.06783
7.573	-.700	19.39500	5.97770	-1.27020	6.88580	.06317	.05712	.05551	424.82000	12.79300	.06794
7.585	-.500	19.40000	5.97780	-1.27230	6.89290	.06319	.05722	.05551	425.29000	12.80600	.06793
7.583	-.300	19.40600	5.97800	-1.27440	6.88630	.06320	.05733	.05534	424.93000	12.79400	.06788
7.579	-.100	19.40800	5.97810	-1.27620	6.88730	.06326	.05744	.05540	425.02000	12.79600	.06796
7.583	.100	19.41300	5.97820	-1.27830	6.89090	.06344	.05754	.05558	425.28000	12.80300	.06808
7.594	.300	19.41900	5.97830	-1.28030	6.89510	.06350	.05746	.05579	425.57000	12.81000	.06807
7.616	.500	19.42500	5.97840	-1.28250	6.90660	.06346	.05728	.05586	426.32000	12.83200	.06806
7.625	.700	19.43200	5.97860	-1.28480	6.91080	.06327	.05704	.05578	426.61000	12.84000	.06785
7.620	.900	19.43500	5.97870	-1.28700	6.91130	.06298	.05669	.05551	426.67000	12.84000	.06750
7.603	1.100	19.44000	5.97880	-1.28940	6.90590	.06259	.05633	.05532	426.38000	12.83000	.06711
7.594	1.300	19.44300	5.97890	-1.29170	6.89820	.06232	.05608	.05494	425.94000	12.81600	.06678
7.644	1.500	19.45300	5.97900	-1.29420	6.93770	.06227	.05608	.05496	428.41000	12.88900	.06677
7.652	1.700	19.45700	5.97910	-1.29650	6.92320	.06227	.05618	.05492	427.55000	12.86300	.06676
7.656	1.900	19.46100	5.97930	-1.29890	6.92840	.06214	.05598	.05448	427.91000	12.87200	.06663
7.636	2.100	19.46400	5.97940	-1.30090	6.92160	.06202	.05586	.05401	427.52000	12.85900	.06644
7.625	2.300	19.47100	5.97950	-1.30320	6.92290	.06194	.05581	.05369	427.64000	12.86200	.06639
7.612	2.500	19.47400	5.97960	-1.30540	6.91670	.06204	.05587	.05383	427.29000	12.85000	.06651
7.617	2.700	19.47700	5.97970	-1.30730	6.92320	.06233	.05612	.05426	427.73000	12.86200	.06686
7.617	2.900	19.48400	5.97990	-1.30970	6.92400	.06270	.05643	.05490	427.81000	12.86400	.06730
7.618	3.100	19.48900	5.98000	-1.31210	6.92870	.06308	.05663	.05549	428.14000	12.87300	.06777
7.605	3.300	19.49100	5.98010	-1.31390	6.91700	.06338	.05693	.05592	427.46000	12.85100	.06818
7.611	3.458	19.49500	5.98020	-1.31530	6.92160	.06356	.05707	.05603	427.76000	12.85900	.06835
	GRADIENT	.02414	.00057	-.01011	.01407	.00035	.00011	.00047	1.04713	.02643	.00020

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0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 607

0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E187) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2341/0 RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.614	-4.400	19.30700	5.97560	-1.23700	6.92370	.06661	.06323	.05842	426.52000	12.86400	.07171
7.622	-4.200	19.32100	5.97570	-1.23840	6.92990	.06679	.06339	.05846	426.96000	12.87500	.07188
7.635	-4.000	19.32200	5.97590	-1.23980	6.93390	.06686	.06340	.05886	427.24000	12.88200	.07192
7.634	-3.800	19.32700	5.97600	-1.24140	6.93760	.06682	.06343	.05902	427.49000	12.88900	.07191
7.639	-3.600	19.32600	5.97610	-1.24270	6.93680	.06647	.06345	.05911	427.48000	12.88800	.07153
7.630	-3.400	19.33000	5.97620	-1.24450	6.92890	.06593	.06342	.05905	427.02000	12.87300	.07090
7.645	-3.200	19.33800	5.97630	-1.24590	6.94720	.06513	.06314	.05869	428.19000	12.90700	.07011
7.631	-3.000	19.34200	5.97640	-1.24760	6.93950	.06433	.06267	.05821	427.76000	12.89300	.06930
7.639	-2.800	19.34700	5.97660	-1.24930	6.94090	.06345	.06186	.05763	427.88000	12.89500	.06850
7.633	-2.600	19.35100	5.97670	-1.25100	6.92990	.06277	.06099	.05715	427.23000	12.87500	.06789
7.613	-2.400	19.35100	5.97680	-1.25270	6.90890	.06216	.05990	.05667	425.97000	12.83600	.06725
7.603	-2.200	19.35800	5.97690	-1.25440	6.90640	.06167	.05894	.05592	425.85000	12.83100	.06676
7.600	-2.000	19.36000	5.97700	-1.25610	6.89950	.06151	.05817	.05556	425.46000	12.81900	.06650
7.583	-1.800	19.36400	5.97710	-1.25820	6.88120	.06152	.05757	.05522	424.36000	12.78400	.06644
7.596	-1.600	19.37200	5.97720	-1.26010	6.89870	.06172	.05722	.05512	425.47000	12.81700	.06663
7.590	-1.400	19.37700	5.97730	-1.26250	6.89410	.06213	.05703	.05521	425.22000	12.80800	.06700
7.612	-1.200	19.38200	5.97740	-1.26460	6.89480	.06247	.05691	.05527	425.30000	12.81000	.06733
7.595	-1.000	19.38700	5.97760	-1.26680	6.89930	.06285	.05690	.05536	425.61000	12.81800	.06765
7.579	-.800	19.39200	5.97770	-1.26910	6.88890	.06311	.05708	.05556	425.00000	12.79900	.06787
7.567	-.600	19.39700	5.97780	-1.27140	6.88080	.06317	.05716	.05562	424.53000	12.78400	.06794
7.588	-.400	19.40400	5.97790	-1.27330	6.88980	.06320	.05730	.05539	425.12000	12.80000	.06786
7.575	-.200	19.40700	5.97800	-1.27550	6.88230	.06324	.05740	.05537	424.69000	12.78600	.06792
7.589	.000	19.41000	5.97810	-1.27720	6.89750	.06335	.05752	.05549	425.66000	12.81500	.06801
7.583	.200	19.41400	5.97830	-1.27910	6.88790	.06347	.05755	.05574	425.11000	12.79700	.06809
7.604	.400	19.42200	5.97840	-1.28140	6.90010	.06351	.05740	.05589	425.90000	12.82000	.06808
7.619	.600	19.42900	5.97850	-1.28360	6.91100	.06340	.05716	.05583	426.61000	12.84000	.06800
7.629	.800	19.43500	5.97860	-1.28600	6.91540	.06313	.05686	.05565	426.91000	12.84800	.06767
7.607	1.000	19.43800	5.97870	-1.28810	6.90400	.06278	.05656	.05536	426.24000	12.82700	.06732
7.597	1.200	19.44100	5.97880	-1.29060	6.90450	.06244	.05620	.05505	426.31000	12.82800	.06695
7.618	1.400	19.44800	5.97900	-1.29300	6.91570	.06228	.05604	.05501	427.04000	12.84800	.06674
7.640	1.600	19.45500	5.97910	-1.29540	6.92940	.06230	.05613	.05499	427.92000	12.87400	.06678
7.672	1.800	19.46000	5.97920	-1.29760	6.93010	.06221	.05607	.05479	428.00000	12.87500	.06668
7.640	2.000	19.46300	5.97930	-1.29990	6.92360	.06210	.05596	.05413	427.63000	12.86300	.06656
7.642	2.200	19.46800	5.97940	-1.30210	6.92820	.06196	.05584	.05378	427.95000	12.87200	.06640
7.614	2.400	19.47200	5.97960	-1.30420	6.91660	.06198	.05577	.05379	427.27000	12.85000	.06642
7.613	2.600	19.47600	5.97970	-1.30630	6.91980	.06217	.05591	.05408	427.50000	12.85600	.06667
7.621	2.800	19.48100	5.97980	-1.30840	6.92750	.06250	.05627	.05460	428.01000	12.87000	.06708
7.618	3.000	19.48600	5.97990	-1.31090	6.92710	.06288	.05653	.05520	428.02000	12.87000	.06753
7.606	3.200	19.49000	5.98000	-1.31290	6.91940	.06327	.05684	.05564	427.58000	12.85500	.06803
7.607	3.400	19.49400	5.98020	-1.31490	6.91930	.06348	.05701	.05611	427.61000	12.85500	.06831
GRADIENT	.02482	.00061	-.01007	.02086	.00028	.00006	.00036	1.46786	.03911	.00014	

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7EOB8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 386/ 0 RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.311	-2.153	19.67900	5.95370	-1.32470	2.47100	.02181	.01960	.01985	149.93000	4.59120	.02361
2.304	-2.021	19.67500	5.95380	-1.32490	2.46590	.02188	.01970	.01985	149.64000	4.58180	.02359
2.304	-1.887	19.67900	5.95390	-1.32530	2.46600	.02193	.01966	.01985	149.65000	4.58200	.02366
2.301	-1.742	19.67700	5.95400	-1.32540	2.46610	.02203	.01969	.02007	149.67000	4.58210	.02373
2.302	-1.620	19.68600	5.95410	-1.32630	2.46710	.02204	.01973	.02007	149.73000	4.58390	.02379
2.305	-1.486	19.68300	5.95420	-1.32640	2.46440	.02203	.01975	.02007	149.58000	4.57900	.02373
2.313	-1.370	19.68600	5.95430	-1.32660	2.46730	.02202	.01966	.01996	149.77000	4.58430	.02374
2.309	-1.245	19.69400	5.95440	-1.32740	2.46410	.02203	.01963	.01996	149.58000	4.57840	.02367
2.308	-1.121	19.69200	5.95450	-1.32760	2.46370	.02193	.01966	.01985	149.57000	4.57760	.02373
2.308	-1.018	19.70000	5.95460	-1.32830	2.46660	.02198	.01957	.01974	149.75000	4.58290	.02373
2.296	-.712	19.71300	5.95480	-1.33000	2.46320	.02198	.01991	.01996	149.57000	4.57660	.02373
2.304	-.517	19.71200	5.95490	-1.33040	2.46290	.02193	.02009	.01996	149.57000	4.57620	.02360
2.313	-.353	19.71600	5.95510	-1.33110	2.46460	.02192	.02009	.01985	149.68000	4.57930	.02367
2.307	-.191	19.72000	5.95520	-1.33180	2.46220	.02183	.02025	.01996	149.55000	4.57490	.02359
2.312	-.047	19.71700	5.95530	-1.33200	2.46120	.02176	.02000	.01985	149.50000	4.57300	.02348
2.317	.099	19.72600	5.95540	-1.33300	2.46400	.02165	.01985	.01952	149.68000	4.57830	.02342
2.316	.245	19.73500	5.95550	-1.33400	2.46220	.02160	.01982	.01963	149.58000	4.57490	.02335
2.309	.388	19.73800	5.95560	-1.33470	2.46310	.02150	.01991	.01941	149.65000	4.57660	.02328
2.302	.533	19.73700	5.95570	-1.33500	2.46190	.02133	.01982	.01941	149.58000	4.57420	.02309
2.303	.673	19.74500	5.95580	-1.33600	2.46580	.02106	.01957	.01919	149.83000	4.58150	.02277
2.302	.812	19.74800	5.95590	-1.33680	2.46290	.02095	.01945	.01919	149.67000	4.57610	.02264
2.300	.958	19.75200	5.95600	-1.33750	2.46270	.02090	.01939	.01908	149.67000	4.57570	.02252
2.303	1.101	19.75000	5.95610	-1.33780	2.46250	.02090	.01939	.01908	149.67000	4.57540	.02252
2.298	1.246	19.75300	5.95620	-1.33850	2.46210	.02085	.01948	.01909	149.65000	4.57460	.02251
2.296	1.390	19.75700	5.95630	-1.33920	2.46520	.02089	.01966	.01897	149.85000	4.58030	.02259
2.293	1.692	19.76900	5.95660	-1.34090	2.46590	.02095	.02012	.01876	149.92000	4.58160	.02290
2.289	1.839	19.77300	5.95670	-1.34150	2.46540	.02112	.02034	.01865	149.90000	4.58080	.02309
2.287	1.988	19.77600	5.95680	-1.34230	2.46790	.02123	.02046	.01843	150.07000	4.58550	.02322
2.289	2.167	19.78200	5.95900	-1.34310	2.48600	.02269	.02169	.01854	151.40000	4.61890	.02443
	GRADIENT	.02703	.00073	-.00461	-.00095	-.00057	-.00034	-.00058	.01441	-.00180	-.00050

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 609

0A257 (LARC 20-M6-6559) OV102 LESS DMS PODS

(S7E089) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1386/0 RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.266	-1.882	19.68500	5.96710	-1.32560	2.45600	.02236	.02006	.02018	150.42000	4.56320	.02399
2.278	-1.718	19.68500	5.96670	-1.32600	2.46460	.02225	.02003	.02007	150.90000	4.57900	.02392
2.301	-1.553	19.69500	5.96630	-1.32660	2.47750	.02225	.02003	.01996	151.64000	4.60310	.02379
2.298	-1.382	19.69600	5.96590	-1.32700	2.49170	.02231	.02016	.02007	152.48000	4.62950	.02398
2.302	-1.205	19.70600	5.96560	-1.32790	2.49810	.02236	.02049	.02018	152.82000	4.64130	.02399
2.315	-1.034	19.70500	5.96510	-1.32810	2.50420	.02230	.02080	.02039	153.16000	4.65270	.02399
2.316	-.849	19.71000	5.96480	-1.32930	2.49910	.02215	.02083	.02018	152.81000	4.64330	.02398
2.316	-.677	19.71800	5.96440	-1.32990	2.50010	.02187	.02049	.01985	152.82000	4.64500	.02367
2.316	-.497	19.72200	5.96400	-1.33090	2.49500	.02177	.02003	.01952	152.48000	4.63560	.02347
2.301	-.309	19.72600	5.96360	-1.33180	2.49360	.02154	.01972	.01930	152.34000	4.63300	.02316
2.299	-.143	19.73100	5.96320	-1.33220	2.48980	.02144	.01982	.01930	152.08000	4.62600	.02309
2.294	.036	19.73300	5.96290	-1.33340	2.48770	.02106	.01969	.01930	151.91000	4.62210	.02284
2.292	.217	19.73700	5.96250	-1.33370	2.47970	.02080	.01951	.01909	151.38000	4.60720	.02238
2.301	.397	19.74100	5.96210	-1.33470	2.48090	.02068	.01926	.01897	151.41000	4.60940	.02233
2.296	.590	19.75100	5.96180	-1.33630	2.47990	.02085	.01966	.01909	151.31000	4.60750	.02251
2.303	.763	19.75000	5.96140	-1.33670	2.47890	.02096	.02019	.01898	151.21000	4.60570	.02276
2.305	.935	19.75400	5.96100	-1.33750	2.48140	.02122	.02068	.01886	151.33000	4.61050	.02309
2.301	1.107	19.75800	5.96060	-1.33830	2.48210	.02160	.02117	.01854	151.33000	4.61170	.02354
2.296	1.312	19.76300	5.96020	-1.33930	2.48550	.02198	.02117	.01832	151.50000	4.61810	.02386
2.300	1.540	19.76200	5.95980	-1.33990	2.48920	.02219	.02132	.01810	151.68000	4.62490	.02406
2.292	1.770	19.77300	5.95950	-1.34130	2.48520	.02247	.02163	.01832	151.40000	4.61750	.02437
GRADIENT		.02450	-.00205	-.00468	-.01601	-.00101	-.00046	-.00043	-.1.20339	-.02978	-.00104

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E090) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	25.000	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 342/ 0 RN/L = 7.65 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.724	-4.451	24.04300	5.97260	-1.51120	7.03190	.07651	.05795	.05602	432.30000	13.06500	.08598
7.745	-4.300	24.05800	5.97290	-1.51280	7.04700	.07674	.05809	.05607	433.31000	13.09300	.08618
7.752	-4.100	24.05900	5.97300	-1.51470	7.04810	.07715	.05839	.05609	433.42000	13.09500	.08639
7.757	-3.900	24.06300	5.97310	-1.51710	7.04260	.07768	.05876	.05642	433.12000	13.08400	.08669
7.759	-3.700	24.06600	5.97330	-1.51930	7.04320	.07794	.05914	.05678	433.20000	13.08600	.08670
7.757	-3.500	24.07200	5.97340	-1.52160	7.04480	.07830	.05968	.05727	433.34000	13.08900	.08676
7.767	-3.300	24.07900	5.97360	-1.52400	7.05680	.07873	.06025	.05783	434.13000	13.11100	.08687
7.742	-3.100	24.07800	5.97380	-1.52670	7.02340	.07893	.06082	.05820	432.12000	13.04900	.08673
7.732	-2.900	24.07800	5.97390	-1.52900	7.00390	.07888	.06090	.05810	430.97000	13.01300	.08631
7.715	-2.700	24.08100	5.97410	-1.53190	6.98120	.07884	.06098	.05804	429.62000	12.97100	.08609
7.702	-2.500	24.08400	5.97420	-1.53440	6.97080	.07897	.06143	.05806	429.02000	12.95100	.08596
7.713	-2.300	24.09500	5.97430	-1.53700	6.98690	.07935	.06202	.05849	430.05000	12.98100	.08605
7.713	-2.100	24.09900	5.97450	-1.53940	6.99190	.07990	.06238	.05875	430.40000	12.99000	.08644
7.712	-1.900	24.10900	5.97460	-1.54220	6.99710	.08041	.06248	.05887	430.77000	13.00000	.08685
7.694	-1.700	24.11200	5.97480	-1.54470	6.98000	.08088	.06244	.05895	429.76000	12.96800	.08716
7.706	-1.500	24.11900	5.97490	-1.54730	6.98190	.08134	.06227	.05890	429.92000	12.97200	.08732
7.710	-1.300	24.12700	5.97510	-1.55000	6.98630	.08166	.06181	.05843	430.23000	12.98000	.08743
7.713	-1.100	24.13400	5.97520	-1.55240	6.98930	.08202	.06127	.05784	430.47000	12.98500	.08761
7.723	-.900	24.14100	5.97540	-1.55480	6.99950	.08224	.06074	.05730	431.14000	13.00400	.08778
7.724	-.700	24.15000	5.97550	-1.55750	7.00250	.08229	.06025	.05679	431.37000	13.01000	.08774
7.701	-.500	24.15200	5.97570	-1.56030	6.97620	.08216	.05979	.05623	429.80000	12.96100	.08759
7.669	-.300	24.15400	5.97580	-1.56310	6.94390	.08196	.05947	.05587	427.85000	12.90100	.08733
7.645	-.100	24.15700	5.97600	-1.56600	6.92060	.08162	.05934	.05570	426.46000	12.85800	.08708
7.621	.100	24.15700	5.97610	-1.56860	6.89980	.08122	.05954	.05586	425.22000	12.81900	.08663
7.617	.300	24.16500	5.97630	-1.57160	6.91080	.08100	.05994	.05637	425.94000	12.83900	.08634
7.587	.500	24.16900	5.97650	-1.57460	6.88610	.08090	.06047	.05709	424.47000	12.79400	.08626
7.583	.700	24.17000	5.97660	-1.57700	6.88080	.08051	.06085	.05739	424.19000	12.78400	.08615
7.557	.900	24.17600	5.97680	-1.58000	6.87060	.08008	.06097	.05779	423.60000	12.76500	.08605
7.560	1.100	24.18200	5.97690	-1.58280	6.88460	.07967	.06098	.05780	424.51000	12.79100	.08595
7.550	1.300	24.19000	5.97710	-1.58580	6.87260	.07944	.06097	.05790	423.82000	12.76900	.08596
7.555	1.500	24.19500	5.97720	-1.58860	6.87390	.07932	.06088	.05785	423.95000	12.77100	.08593
7.565	1.700	24.20200	5.97740	-1.59130	6.88370	.07923	.06082	.05783	424.60000	12.78900	.08589
7.553	1.900	24.20500	5.97750	-1.59400	6.86840	.07914	.06089	.05801	423.70000	12.76100	.08593
7.566	2.100	24.21400	5.97770	-1.59700	6.88360	.07897	.06093	.05827	424.68000	12.78900	.08579
7.559	2.300	24.22200	5.97790	-1.59980	6.89070	.07839	.06120	.05869	425.17000	12.80200	.08549
7.540	2.500	24.22400	5.97800	-1.60260	6.88010	.07766	.06151	.05915	424.56000	12.78200	.08511
7.564	2.700	24.23300	5.97820	-1.60560	6.89410	.07720	.06170	.05932	425.47000	12.80800	.08484
7.568	2.900	24.23900	5.97830	-1.60850	6.90240	.07683	.06129	.05963	426.03000	12.82400	.08463
7.548	3.100	24.24400	5.97850	-1.61150	6.89940	.07665	.06069	.06009	425.89000	12.81800	.08456
7.566	3.300	24.25700	5.97860	-1.61480	6.91430	.07625	.06017	.06000	426.85000	12.84600	.08434
7.553	3.500	24.25900	5.97880	-1.61770	6.90610	.07586	.05966	.05975	426.39000	12.83100	.08426
	GRADIENT	.01686	.00080	-.01423	-.08151	-.00137	.00072	.00085	-.4.80285	-.15143	-.00144

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 611

OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E190) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2342/ 0 RN/L = 7.65 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.730	-4.400	24.04300	5.97280	-1.51150	7.03290	.07662	.05798	.05614	432.41000	13.06700	.08605
7.744	-4.200	24.06000	5.97290	-1.51380	7.04600	.07696	.05821	.05613	433.27000	13.09100	.08629
7.759	-4.000	24.06100	5.97310	-1.51580	7.05030	.07746	.05857	.05623	433.58000	13.09900	.08657
7.756	-3.800	24.06600	5.97320	-1.51840	7.03970	.07780	.05892	.05663	432.96000	13.07900	.08673
7.757	-3.600	24.06800	5.97340	-1.52040	7.04320	.07807	.05939	.05701	433.22000	13.08600	.08670
7.763	-3.400	24.07300	5.97350	-1.52260	7.05340	.07851	.05990	.05748	433.90000	13.10500	.08681
7.755	-3.200	24.07800	5.97370	-1.52540	7.04120	.07891	.06055	.05804	433.19000	13.08200	.08686
7.741	-3.000	24.07800	5.97380	-1.52780	7.01650	.07888	.06093	.05825	431.73000	13.03600	.08652
7.721	-2.800	24.08000	5.97400	-1.53070	6.98710	.07886	.06091	.05807	429.96000	12.98100	.08621
7.705	-2.600	24.08300	5.97410	-1.53320	6.97470	.07887	.06116	.05802	429.24000	12.95800	.08597
7.704	-2.400	24.08900	5.97430	-1.53570	6.97530	.07915	.06170	.05821	429.32000	12.95900	.08596
7.715	-2.200	24.09900	5.97440	-1.53840	6.99280	.07966	.06224	.05870	430.44000	12.99200	.08620
7.713	-2.000	24.10700	5.97460	-1.54100	6.99380	.08015	.06248	.05898	430.55000	12.99400	.08663
7.704	-1.800	24.11100	5.97470	-1.54340	6.99220	.08064	.06248	.05892	430.49000	12.99100	.08704
7.697	-1.600	24.11500	5.97490	-1.54590	6.97810	.08111	.06239	.05884	429.66000	12.96500	.08722
7.711	-1.400	24.12400	5.97500	-1.54870	6.98600	.08149	.06208	.05866	430.20000	12.97900	.08735
7.712	-1.200	24.13200	5.97520	-1.55130	6.98860	.08186	.06153	.05815	430.40000	12.98400	.08750
7.715	-1.000	24.13900	5.97530	-1.55380	6.99160	.08215	.06099	.05761	430.63000	12.99000	.08768
7.724	-.800	24.14500	5.97540	-1.55600	7.00120	.08231	.06053	.05701	431.26000	13.00800	.08775
7.709	-.600	24.14900	5.97560	-1.55880	6.98750	.08227	.06006	.05639	430.47000	12.98200	.08774
7.686	-.400	24.15200	5.97580	-1.56160	6.96090	.08205	.05966	.05605	428.87000	12.93300	.08750
7.656	-.200	24.15500	5.97590	-1.56460	6.93100	.08178	.05940	.05585	427.08000	12.87700	.08720
7.627	.000	24.15700	5.97610	-1.56740	6.90530	.08146	.05936	.05577	425.54000	12.82900	.08687
7.617	.200	24.16400	5.97620	-1.57020	6.90110	.08108	.05971	.05601	425.33000	12.82200	.08644
7.601	.400	24.16700	5.97640	-1.57310	6.90290	.08096	.06023	.05667	425.48000	12.82500	.08630
7.587	.600	24.17100	5.97650	-1.57600	6.87970	.08067	.06067	.05728	424.10000	12.78200	.08624
7.569	.800	24.17300	5.97670	-1.57860	6.87410	.08030	.06092	.05770	423.80000	12.77100	.08612
7.558	1.000	24.18000	5.97680	-1.58150	6.87880	.07987	.06095	.05794	424.13000	12.78000	.08598
7.552	1.200	24.18700	5.97700	-1.58440	6.87970	.07958	.06093	.05789	424.23000	12.78200	.08599
7.558	1.400	24.19200	5.97720	-1.58710	6.87560	.07936	.06092	.05781	424.03000	12.77400	.08593
7.558	1.600	24.20000	5.97730	-1.59010	6.87870	.07926	.06087	.05776	424.26000	12.78000	.08591
7.565	1.800	24.20400	5.97750	-1.59250	6.88190	.07922	.06088	.05787	424.51000	12.78600	.08593
7.557	2.000	24.21000	5.97760	-1.59550	6.87020	.07904	.06087	.05806	423.83000	12.76400	.08585
7.558	2.200	24.21800	5.97780	-1.59830	6.88530	.07879	.06103	.05842	424.81000	12.79200	.08570
7.556	2.400	24.22300	5.97790	-1.60120	6.89080	.07796	.06135	.05891	425.19000	12.80200	.08529
7.551	2.600	24.23000	5.97810	-1.60420	6.88780	.07742	.06160	.05917	425.05000	12.79700	.08496
7.564	2.800	24.23700	5.97830	-1.60720	6.89010	.07699	.06166	.05942	425.25000	12.80100	.08474
7.567	3.000	24.24400	5.97840	-1.61000	6.91190	.07672	.06095	.05993	426.63000	12.84100	.08460
7.550	3.200	24.25000	5.97860	-1.61320	6.90240	.07647	.06045	.06003	426.10000	12.82400	.08445
7.556	3.400	24.25700	5.97870	-1.61620	6.90810	.07606	.05989	.05985	426.50000	12.83400	.08429
7.553	3.565	24.26000	5.97890	-1.61860	6.90620	.07571	.05944	.05963	426.42000	12.83100	.08417
GRADIENT	.01875	.00075	-.01432	-.08380	-.00137	.00059	.00072	-4.93571	-.15554	-.00137	

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E091) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 387/ 0 RN/L = 2.28 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	0	BP1	BP2	BP3	PT1	PT2	PSC
2.286	-2.553	24.56700	5.96390	-1.63310	2.45990	.02399	.02280	.01930	150.32000	4.57050	.02648
2.277	-2.322	24.57300	5.96410	-1.63390	2.46120	.02414	.02307	.01952	150.42000	4.57280	.02668
2.289	-2.106	24.58000	5.96420	-1.63470	2.46480	.02415	.02310	.01952	150.65000	4.57950	.02673
2.295	-1.891	24.58700	5.96430	-1.63550	2.46490	.02398	.02295	.01952	150.66000	4.57970	.02655
2.295	-1.646	24.58700	5.96440	-1.63610	2.46200	.02371	.02258	.01919	150.50000	4.57430	.02616
2.297	-1.417	24.60000	5.96450	-1.63750	2.46480	.02338	.02200	.01886	150.68000	4.57940	.02578
2.295	-1.202	24.60000	5.96460	-1.63810	2.46130	.02317	.02175	.01865	150.48000	4.57310	.02558
2.292	-.982	24.61100	5.96470	-1.63940	2.46170	.02294	.02138	.01832	150.51000	4.57370	.02534
2.290	-.757	24.61800	5.96490	-1.64040	2.45990	.02290	.02117	.01854	150.42000	4.57030	.02527
2.285	-.537	24.62500	5.96500	-1.64150	2.46100	.02290	.02105	.01854	150.50000	4.57250	.02527
2.279	-.315	24.63100	5.96510	-1.64240	2.46250	.02289	.02101	.01875	150.60000	4.57520	.02534
2.280	-.098	24.63800	5.96520	-1.64340	2.45800	.02295	.02111	.01886	150.33000	4.56680	.02540
2.280	.118	24.65000	5.96530	-1.64530	2.45890	.02285	.02095	.01876	150.40000	4.56850	.02533
2.276	.334	24.65000	5.96540	-1.64640	2.45730	.02258	.02071	.01854	150.32000	4.56560	.02494
2.278	.556	24.66300	5.96550	-1.64840	2.45580	.02225	.02040	.01788	150.23000	4.56280	.02456
2.282	.787	24.66900	5.96560	-1.64990	2.45990	.02225	.02018	.01755	150.50000	4.57050	.02456
2.282	1.008	24.67700	5.96570	-1.65110	2.45700	.02241	.02049	.01777	150.33000	4.56510	.02476
2.279	1.237	24.68300	5.96580	-1.65250	2.45820	.02268	.02080	.01799	150.42000	4.56730	.02501
2.280	1.445	24.68800	5.96590	-1.65370	2.45940	.02273	.02117	.01832	150.50000	4.56940	.02533
2.280	1.669	24.69600	5.96600	-1.65500	2.45620	.02296	.02163	.01854	150.32000	4.56360	.02558
	GRADIENT	.03397	.00046	-.00635	-.00533	-.00056	-.00056	-.00053	-.27774	-.00990	-.00063

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(\$7E092) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP. = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1387/ 0 RN/L = 2.29 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.258	-2.334	24.57700	5.97220	-1.63430	2.44860	.02322	.02197	.01897	150.50000	4.54940	.02571
2.269	-2.137	24.57300	5.97200	-1.63420	2.45820	.02290	.02145	.01843	151.06000	4.56720	.02539
2.288	-1.976	24.58600	5.97180	-1.63540	2.47490	.02280	.02126	.01821	152.06000	4.59810	.02526
2.298	-1.806	24.59300	5.97150	-1.63570	2.48640	.02273	.02105	.01810	152.74000	4.61950	.02514
2.299	-1.635	24.59800	5.97130	-1.63650	2.49080	.02279	.02098	.01832	152.99000	4.62780	.02514
2.305	-1.447	24.59700	5.97110	-1.63670	2.48850	.02284	.02092	.01854	152.82000	4.62350	.02520
2.297	-1.263	24.61400	5.97080	-1.63840	2.48620	.02290	.02092	.01876	152.66000	4.61920	.02533
2.297	-1.092	24.61300	5.97060	-1.63890	2.48690	.02294	.02101	.01908	152.67000	4.62050	.02540
2.295	-.910	24.62400	5.97040	-1.64020	2.48260	.02296	.02126	.01909	152.39000	4.61260	.02552
2.295	-.712	24.63000	5.97020	-1.64110	2.48200	.02301	.02123	.01919	152.33000	4.61130	.02552
2.289	-.552	24.62800	5.96990	-1.64130	2.47560	.02290	.02111	.01876	151.91000	4.59950	.02540
2.288	-.382	24.63800	5.96970	-1.64260	2.47460	.02268	.02074	.01832	151.83000	4.59770	.02508
2.275	-.200	24.64300	5.96950	-1.64340	2.47230	.02241	.02043	.01788	151.66000	4.59330	.02469
2.281	-.037	24.64800	5.96930	-1.64450	2.47070	.02210	.02019	.01745	151.55000	4.59050	.02443
2.288	.148	24.64700	5.96910	-1.64540	2.47280	.02209	.02009	.01734	151.64000	4.59420	.02430
2.294	.334	24.65900	5.96880	-1.64680	2.47190	.02252	.02083	.01799	151.56000	4.59270	.02488
2.294	.498	24.66300	5.96850	-1.64800	2.47390	.02306	.02148	.01854	151.66000	4.59640	.02546
2.283	.689	24.66900	5.96830	-1.64920	2.47570	.02328	.02184	.01908	151.74000	4.59960	.02578
2.288	.860	24.67400	5.96810	-1.65050	2.47880	.02344	.02227	.01919	151.91000	4.60550	.02604
2.288	1.036	24.68000	5.96780	-1.65140	2.48030	.02350	.02255	.01930	151.98000	4.60820	.02616
2.302	1.237	24.68700	5.96750	-1.65260	2.47920	.02361	.02289	.01985	151.88000	4.60620	.02641
2.286	1.393	24.69100	5.96730	-1.65370	2.48010	.02365	.02289	.01996	151.91000	4.60790	.02655
2.284	1.586	24.69700	5.96700	-1.65470	2.47390	.02382	.02283	.02018	151.50000	4.59640	.02674
	GRADIENT	.03062	-.00130	-.00619	-.00201	-.00002	.00020	-.00037	-.26486	-.00370	-.00011

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E093) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 343/0 RN/L = 7.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.445	-4.539	28.98100	5.97770	-1.79330	6.85550	.10221	.06158	.05794	422.94000	12.73700	.11537
7.440	-4.400	28.99500	5.97780	-1.79530	6.85860	.10186	.06148	.05791	423.17000	12.74200	.11504
7.413	-4.200	28.99100	5.97790	-1.79790	6.83710	.10180	.06132	.05772	421.87000	12.70300	.11502
7.433	-4.000	28.99700	5.97800	-1.80030	6.84480	.10174	.06110	.05748	422.37000	12.71700	.11484
7.422	-3.800	29.00100	5.97810	-1.80280	6.84360	.10177	.06094	.05728	422.33000	12.71500	.11463
7.400	-3.600	29.00400	5.97820	-1.80570	6.82390	.10158	.06090	.05729	421.14000	12.67800	.11409
7.432	-3.400	29.01500	5.97830	-1.80810	6.85000	.10149	.06103	.05734	422.77000	12.72600	.11369
7.397	-3.200	29.02000	5.97840	-1.81120	6.83100	.10138	.06141	.05782	421.63000	12.69100	.11339
7.410	-3.000	29.02600	5.97850	-1.81370	6.83330	.10058	.06151	.05805	421.80000	12.69500	.11253
7.409	-2.800	29.03400	5.97860	-1.81650	6.83200	.10012	.06153	.05818	421.75000	12.69300	.11194
7.393	-2.600	29.03800	5.97860	-1.81930	6.82080	.09991	.06193	.05852	421.08000	12.67200	.11164
7.381	-2.400	29.04100	5.97870	-1.82210	6.80730	.09948	.06225	.05891	420.27000	12.64700	.11112
7.359	-2.200	29.04300	5.97880	-1.82500	6.77910	.09894	.06253	.05904	418.56000	12.59500	.11046
7.366	-2.000	29.05300	5.97890	-1.82750	6.78810	.09860	.06283	.05929	419.14000	12.61100	.11007
7.350	-1.800	29.05700	5.97900	-1.83040	6.77420	.09844	.06307	.05948	418.31000	12.58600	.10984
7.367	-1.600	29.06700	5.97910	-1.83310	6.78480	.09826	.06308	.05969	418.99000	12.60500	.10975
7.360	-1.400	29.07700	5.97920	-1.83610	6.78960	.09823	.06305	.06003	419.31000	12.61400	.10985
7.374	-1.200	29.09000	5.97930	-1.83910	6.80730	.09835	.06332	.06046	420.44000	12.64700	.11007
7.382	-1.000	29.09800	5.97940	-1.84220	6.80240	.09848	.06344	.06107	420.16000	12.63800	.11020
7.383	-.800	29.10000	5.97950	-1.84510	6.80250	.09861	.06346	.06152	420.19000	12.63800	.11037
7.387	-.600	29.11200	5.97960	-1.84860	6.81500	.09890	.06349	.06216	420.99000	12.66100	.11073
7.395	-.400	29.12100	5.97970	-1.85170	6.82430	.09902	.06338	.06249	421.59000	12.67900	.11087
7.388	-.200	29.12900	5.97980	-1.85530	6.82100	.09916	.06324	.06271	421.42000	12.67200	.11106
7.406	.000	29.13400	5.97990	-1.85820	6.82730	.09927	.06302	.06296	421.83000	12.68400	.11108
7.419	.200	29.14300	5.97990	-1.86160	6.83740	.09938	.06283	.06317	422.49000	12.70300	.11118
7.422	.400	29.15300	5.98000	-1.86520	6.84250	.09942	.06277	.06335	422.83000	12.71200	.11112
7.413	.600	29.16100	5.98010	-1.86890	6.83790	.09938	.06281	.06343	422.58000	12.70400	.11088
7.444	.800	29.16700	5.98020	-1.87200	6.85080	.09926	.06277	.06321	423.40000	12.72800	.11049
7.440	1.000	29.17000	5.98030	-1.87550	6.85520	.09897	.06268	.06274	423.70000	12.73600	.10996
7.432	1.200	29.17600	5.98040	-1.87880	6.84990	.09842	.06248	.06230	423.40000	12.72600	.10915
7.432	1.400	29.18200	5.98050	-1.88250	6.83540	.09806	.06229	.06225	422.53000	12.69900	.10847
7.427	1.600	29.19000	5.98060	-1.88610	6.82780	.09492	.06162	.06173	422.09000	12.68500	.10497
7.419	1.800	29.19800	5.98070	-1.88960	6.83280	.09293	.06093	.06095	422.42000	12.69400	.10263
7.419	2.000	29.20400	5.98080	-1.89300	6.82500	.09206	.06036	.06014	421.97000	12.68000	.10170
7.420	2.200	29.21000	5.98090	-1.89620	6.82560	.09151	.05985	.05919	422.04000	12.68100	.10110
7.422	2.400	29.21900	5.98100	-1.89970	6.83800	.09136	.05947	.05834	422.83000	12.70400	.10108
7.388	2.600	29.21700	5.98110	-1.90280	6.80720	.09121	.05917	.05777	420.96000	12.64700	.10090
7.395	2.800	29.22700	5.98120	-1.90640	6.81590	.09101	.05894	.05730	421.52000	12.66300	.10073
7.390	3.000	29.23200	5.98130	-1.90990	6.81530	.09103	.05896	.05715	421.51000	12.66200	.10087
7.412	3.200	29.24500	5.98140	-1.91340	6.83140	.09111	.05896	.05702	422.54000	12.69200	.10105
7.399	3.400	29.24200	5.98150	-1.91660	6.81280	.09119	.05899	.05680	421.41000	12.65700	.10133
7.401	3.600	29.25100	5.98150	-1.91870	6.81280	.09123	.05895	.05665	421.43000	12.65700	.10145
GRADIENT	.04018	.00039	-.01682	.02170	.00044	-.00065	.00107	1.48572	.04036	.00019	

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E193) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XD
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP, = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2343/ 0 RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.433	-4.500	28.98200	5.97780	-1.79380	6.84950	.10189	.06152	.05785	422.59000	12.72600	.11505
7.425	-4.300	28.99400	5.97790	-1.79660	6.84960	.10186	.06144	.05783	422.63000	12.72600	.11513
7.423	-4.100	28.99400	5.97800	-1.79910	6.84030	.10176	.06119	.05767	422.08000	12.70800	.11493
7.433	-3.900	29.00000	5.97800	-1.80150	6.84810	.10175	.06099	.05732	422.59000	12.72300	.11475
7.405	-3.700	29.00300	5.97810	-1.80420	6.83070	.10172	.06092	.05730	421.54000	12.69100	.11443
7.419	-3.500	29.00900	5.97820	-1.80700	6.83580	.10146	.06098	.05733	421.89000	12.70000	.11382
7.421	-3.300	29.02000	5.97830	-1.80960	6.84860	.10150	.06120	.05757	422.70000	12.72400	.11362
7.395	-3.100	29.02300	5.97840	-1.81260	6.82600	.10098	.06144	.05794	421.34000	12.68200	.11295
7.412	-2.900	29.02900	5.97850	-1.81500	6.83390	.10035	.06153	.05806	421.86000	12.69700	.11221
7.404	-2.700	29.03700	5.97860	-1.81790	6.82900	.09999	.06165	.05835	421.58000	12.68700	.11176
7.389	-2.500	29.04100	5.97870	-1.82060	6.81770	.09969	.06213	.05873	420.90000	12.66600	.11138
7.362	-2.300	29.04000	5.97880	-1.82350	6.78470	.09924	.06236	.05900	418.90000	12.60500	.11080
7.368	-2.100	29.05000	5.97890	-1.82630	6.78730	.09879	.06268	.05909	419.08000	12.61000	.11022
7.359	-1.900	29.05900	5.97900	-1.82900	6.78370	.09854	.06300	.05937	418.88000	12.60300	.10995
7.357	-1.700	29.06300	5.97910	-1.83180	6.77600	.09832	.06313	.05957	418.44000	12.58900	.10978
7.362	-1.500	29.07200	5.97910	-1.83470	6.78700	.09824	.06306	.05985	419.14000	12.60900	.10980
7.363	-1.300	29.08000	5.97920	-1.83730	6.79730	.09828	.06312	.06019	419.80000	12.62800	.10988
7.379	-1.100	29.09400	5.97930	-1.84070	6.80360	.09844	.06342	.06081	420.22000	12.64000	.11014
7.378	-.900	29.09800	5.97940	-1.84360	6.80060	.09855	.06350	.06129	420.06000	12.63500	.11029
7.396	-.700	29.11200	5.97950	-1.84700	6.81550	.09870	.06344	.06172	421.01000	12.66200	.11049
7.386	-.500	29.11700	5.97960	-1.85020	6.81610	.09900	.06347	.06231	421.08000	12.66300	.11087
7.393	-.300	29.12200	5.97970	-1.85340	6.82420	.09904	.06328	.06253	421.60000	12.67800	.11092
7.394	-.100	29.13200	5.97980	-1.85680	6.82330	.09926	.06319	.06289	421.58000	12.67700	.11111
7.414	.100	29.13900	5.97990	-1.86000	6.83080	.09932	.06291	.06307	422.07000	12.69100	.11112
7.436	.300	29.15100	5.98000	-1.86340	6.84980	.09940	.06279	.06336	423.27000	12.72600	.11116
7.412	.500	29.15700	5.98010	-1.86700	6.83780	.09942	.06275	.06337	422.55000	12.70400	.11105
7.423	.700	29.16200	5.98020	-1.87030	6.84070	.09935	.06286	.06333	422.76000	12.70900	.11071
7.446	.900	29.17300	5.98030	-1.87410	6.85400	.09914	.06274	.06287	423.61000	12.73400	.11024
7.432	1.100	29.17200	5.98040	-1.87710	6.85060	.09868	.06261	.06252	423.43000	12.72800	.10953
7.442	1.300	29.18000	5.98050	-1.88050	6.85520	.09842	.06236	.06228	423.74000	12.73600	.10899
7.426	1.500	29.18500	5.98060	-1.88440	6.82460	.09660	.06200	.06212	421.88000	12.67900	.10687
7.425	1.700	29.19300	5.98070	-1.88770	6.83390	.09369	.06124	.06130	422.48000	12.69600	.10350
7.415	1.900	29.19900	5.98080	-1.89120	6.82700	.09244	.06062	.06048	422.08000	12.68400	.10214
7.424	2.100	29.20700	5.98080	-1.89470	6.82540	.09173	.06012	.05970	422.01000	12.68100	.10136
7.418	2.300	29.21400	5.98090	-1.89800	6.83000	.09140	.05963	.05880	422.32000	12.68900	.10102
7.402	2.500	29.21900	5.98100	-1.90140	6.82210	.09133	.05935	.05809	421.86000	12.67500	.10099
7.393	2.700	29.22300	5.98110	-1.90480	6.81160	.09108	.05901	.05766	421.24000	12.65500	.10077
7.386	2.900	29.22800	5.98120	-1.90800	6.81060	.09106	.05898	.05720	421.21000	12.65300	.10084
7.405	3.100	29.24000	5.98130	-1.91180	6.82600	.09105	.05901	.05704	422.19000	12.68200	.10090
7.398	3.300	29.24200	5.98140	-1.91500	6.81590	.09114	.05897	.05692	421.59000	12.66300	.10123
7.402	3.500	29.24600	5.98150	-1.91780	6.81410	.09121	.05897	.05672	421.50000	12.66000	.10139
7.400	3.611	29.25200	5.98150	-1.91880	6.81270	.09123	.05895	.05664	421.42000	12.65700	.10146
GRADIENT	.04200	.00050	-.01674	.02754	.00046	-.00076	.00114	1.83571	.05186	.00023	

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7EO94) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 346/ 0 RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.697	-4.299	14.55100	5.97950	-.94262	6.94670	.06328	.06059	.05455	429.12000	12.90600	.06311
7.600	-4.100	14.55900	5.97980	-.94491	6.88730	.06306	.06045	.05453	425.53000	12.79600	.06298
7.608	-3.900	14.55700	5.97990	-.94602	6.89060	.06302	.06045	.05464	425.77000	12.80200	.06300
7.612	-3.700	14.55800	5.98010	-.94732	6.88690	.06317	.06064	.05494	425.59000	12.79500	.06321
7.606	-3.500	14.55900	5.98020	-.94868	6.88790	.06336	.06083	.05514	425.69000	12.79700	.06350
7.602	-3.300	14.56600	5.98040	-.95035	6.90180	.06356	.06106	.05546	426.59000	12.82300	.06381
7.613	-3.100	14.56700	5.98050	-.95163	6.91240	.06379	.06135	.05581	427.29000	12.84200	.06419
7.642	-2.900	14.57100	5.98070	-.95321	6.91440	.06403	.06150	.05616	427.46000	12.84600	.06442
7.668	-2.700	14.57400	5.98080	-.95464	6.93160	.06416	.06160	.05618	428.57000	12.87800	.06459
7.696	-2.500	14.57900	5.98100	-.95604	6.95290	.06433	.06181	.05627	429.93000	12.91800	.06479
7.674	-2.300	14.58200	5.98110	-.95775	6.94130	.06457	.06219	.05643	429.26000	12.89600	.06507
7.687	-2.100	14.59100	5.98130	-.95958	6.95330	.06481	.06250	.05658	430.04000	12.91800	.06538
7.692	-1.900	14.59600	5.98140	-.96125	6.95710	.06515	.06291	.05694	430.32000	12.92500	.06572
7.687	-1.700	14.59800	5.98160	-.96278	6.95320	.06540	.06328	.05716	430.12000	12.91800	.06601
7.659	-1.500	14.60200	5.98170	-.96458	6.93670	.06547	.06333	.05708	429.14000	12.88700	.06602
7.643	-1.300	14.60500	5.98180	-.96623	6.91830	.06516	.06292	.05675	428.05000	12.85300	.06560
7.633	-1.100	14.60400	5.98200	-.96757	6.90710	.06448	.06212	.05633	427.39000	12.83200	.06485
7.616	-.900	14.61100	5.98210	-.96973	6.89130	.06389	.06124	.05608	426.46000	12.80300	.06409
7.614	-.700	14.61300	5.98230	-.97111	6.89220	.06331	.06030	.05541	426.56000	12.80500	.06331
7.600	-.500	14.61800	5.98240	-.97262	6.88540	.06289	.05940	.05500	426.19000	12.79200	.06271
7.604	-.300	14.62200	5.98260	-.97454	6.89010	.06225	.05849	.05428	426.52000	12.80100	.06199
7.591	-.100	14.62700	5.98270	-.97611	6.89330	.06165	.05771	.05379	426.76000	12.80700	.06123
7.582	.100	14.62800	5.98290	-.97776	6.88460	.06124	.05735	.05322	426.27000	12.79100	.06079
7.614	.300	14.63400	5.98300	-.97957	6.88540	.06090	.05721	.05286	426.37000	12.79200	.06055
7.632	.500	14.63900	5.98320	-.98132	6.89460	.06060	.05719	.05265	426.98000	12.80900	.06048
7.611	.700	14.64000	5.98330	-.98278	6.89060	.06061	.05730	.05259	426.77000	12.80200	.06061
7.621	.900	14.64500	5.98350	-.98469	6.89400	.06100	.05764	.05313	427.04000	12.80800	.06107
7.622	1.100	14.64900	5.98360	-.98616	6.90220	.06148	.05812	.05364	427.59000	12.82300	.06163
7.625	1.300	14.65500	5.98380	-.98818	6.90740	.06197	.05858	.05414	427.95000	12.83300	.06205
7.627	1.500	14.65700	5.98400	-.98973	6.91430	.06223	.05879	.05441	428.43000	12.84600	.06223
7.618	1.700	14.66300	5.98410	-.99164	6.91560	.06241	.05872	.05461	428.55000	12.84800	.06223
7.639	1.900	14.66700	5.98430	-.99346	6.92260	.06240	.05835	.05441	429.03000	12.86100	.06212
7.649	2.100	14.67300	5.98440	-.99545	6.92170	.06230	.05805	.05427	429.02000	12.85900	.06194
7.646	2.300	14.67400	5.98460	-.99703	6.91690	.06218	.05780	.05401	428.76000	12.85000	.06179
7.647	2.500	14.67800	5.98470	-.99896	6.92730	.06200	.05747	.05385	429.46000	12.87000	.06166
7.635	2.700	14.68200	5.98490	-.99970	6.92900	.06180	.05731	.05363	429.61000	12.87300	.06146
7.637	2.900	14.68700	5.98500	-.999280	6.93340	.06162	.05715	.05327	429.93000	12.88100	.06138
7.622	3.100	14.69000	5.98520	-.999460	6.92730	.06163	.05718	.05309	429.59000	12.87000	.06144
7.616	3.300	14.69200	5.98530	-.999650	6.91840	.06169	.05726	.05302	429.09000	12.85300	.06167
7.622	3.500	14.69900	5.98550	-.999860	6.93480	.06184	.05731	.05302	430.15000	12.88400	.06183
7.618	3.700	14.70100	5.98560	-.99970	6.93320	.06183	.05699	.05285	430.10000	12.88100	.06183
7.620	3.900	14.70300	5.98580	-.999740	6.93170	.06162	.05649	.05245	430.05000	12.87800	.06153

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E094) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

ALPHA	=	15.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 346/ O RN/L = 7.63 GRADIENT INTERVAL = -.60/ .600

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.647	4.100	14.70900	5.98590	-1.01380	6.94780	.06157	.05624	.05224	431.08000	12.90800	.06136
	GRADIENT	.02029	.00077	-.00861	.00331	-.00227	-.00219	-.00237	.43000	.00600	-.00227

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 618

DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E194) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	15.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2346/ 0 RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.610	-4.200	14.55500	5.97970	-.94392	6.89290	.06311	.06052	.05458	425.85000	12.80600	.06302
7.603	-4.000	14.55700	5.97990	-.94539	6.88790	.06301	.06045	.05462	425.59000	12.79700	.06299
7.613	-3.800	14.55900	5.98000	-.94677	6.88940	.06309	.06051	.05481	425.72000	12.80000	.06309
7.607	-3.600	14.55800	5.98020	-.94812	6.88390	.06327	.06078	.05504	425.42000	12.78900	.06337
7.600	-3.400	14.56300	5.98030	-.94946	6.89340	.06345	.06098	.05543	426.05000	12.80700	.06366
7.610	-3.200	14.56600	5.98040	-.95093	6.91240	.06364	.06117	.05568	427.27000	12.84200	.06400
7.625	-3.000	14.56900	5.98060	-.95238	6.90940	.06391	.06144	.05598	427.14000	12.83700	.06431
7.657	-2.800	14.57400	5.98080	-.95395	6.92440	.06411	.06156	.05614	428.10000	12.86500	.06450
7.690	-2.600	14.57700	5.98090	-.95528	6.94470	.06422	.06171	.05629	429.40000	12.90200	.06467
7.679	-2.400	14.57700	5.98100	-.95672	6.94160	.06445	.06196	.05620	429.25000	12.89700	.06491
7.679	-2.200	14.58800	5.98120	-.95875	6.94560	.06469	.06234	.05645	429.54000	12.90400	.06524
7.688	-2.000	14.59300	5.98130	-.96038	6.95510	.06498	.06273	.05680	430.17000	12.92200	.06554
7.689	-1.800	14.59800	5.98150	-.96206	6.95450	.06527	.06312	.05708	430.18000	12.92100	.06588
7.681	-1.600	14.60100	5.98160	-.96369	6.95200	.06546	.06337	.05705	430.07000	12.91600	.06608
7.648	-1.400	14.60500	5.98180	-.96546	6.92670	.06538	.06321	.05695	428.54000	12.86900	.06585
7.641	-1.200	14.60600	5.98190	-.96695	6.91250	.06484	.06256	.05664	427.71000	12.84200	.06524
7.617	-1.000	14.60800	5.98210	-.96879	6.89280	.06418	.06171	.05624	426.53000	12.80600	.06447
7.614	-.800	14.61300	5.98220	-.97047	6.89000	.06358	.06077	.05576	426.40000	12.80100	.06370
7.611	-.600	14.61600	5.98240	-.97191	6.89300	.06309	.05989	.05527	426.63000	12.80600	.06303
7.604	-.400	14.61900	5.98250	-.97355	6.88500	.06259	.05894	.05455	426.18000	12.79100	.06241
7.595	-.200	14.62600	5.98270	-.97545	6.89120	.06198	.05807	.05406	426.61000	12.80300	.06163
7.590	.000	14.62700	5.98280	-.97684	6.89500	.06140	.05747	.05339	426.89000	12.81000	.06095
7.590	.200	14.63300	5.98300	-.97876	6.88080	.06104	.05728	.05300	426.06000	12.78400	.06064
7.627	.400	14.63600	5.98310	-.98044	6.89090	.06076	.05716	.05274	426.73000	12.80200	.06049
7.617	.600	14.63700	5.98330	-.98190	6.88900	.06058	.05724	.05267	426.66000	12.79900	.06050
7.604	.800	14.64300	5.98340	-.98375	6.88670	.06077	.05748	.05282	426.56000	12.79400	.06083
7.626	1.000	14.64700	5.98360	-.98554	6.89800	.06123	.05788	.05331	427.30000	12.81500	.06136
7.619	1.200	14.65200	5.98370	-.98713	6.90370	.06172	.05832	.05387	427.70000	12.82600	.06183
7.623	1.400	14.65700	5.98390	-.98895	6.90520	.06214	.05873	.05431	427.84000	12.82900	.06218
7.628	1.600	14.66100	5.98400	-.99074	6.92400	.06230	.05881	.05468	429.05000	12.86400	.06223
7.623	1.800	14.66300	5.98420	-.99247	6.91510	.06240	.05855	.05454	428.54000	12.84700	.06219
7.643	2.000	14.67000	5.98430	-.99441	6.92740	.06235	.05818	.05424	429.35000	12.87000	.06199
7.661	2.200	14.67300	5.98450	-.99610	6.92680	.06223	.05795	.05412	429.36000	12.86900	.06187
7.643	2.400	14.67600	5.98460	-.99802	6.91600	.06207	.05767	.05405	428.73000	12.84900	.06173
7.641	2.600	14.68000	5.98480	-.99980	6.93250	.06194	.05738	.05365	429.80000	12.87900	.06156
7.640	2.800	14.68300	5.98490	-.1.00170	6.93080	.06169	.05722	.05342	429.75000	12.87600	.06139
7.626	3.000	14.68800	5.98510	-.1.00360	6.92720	.06159	.05720	.05329	429.57000	12.87000	.06142
7.616	3.200	14.69200	5.98530	-.1.00570	6.91930	.06163	.05718	.05320	429.12000	12.85500	.06157
7.623	3.400	14.69600	5.98540	-.1.00760	6.92990	.06177	.05728	.05294	429.82000	12.87500	.06174
7.615	3.600	14.70000	5.98560	-.1.00960	6.93070	.06185	.05718	.05283	429.92000	12.87600	.06185
7.616	3.800	14.70100	5.98570	-.1.01140	6.93000	.06172	.05680	.05271	429.92000	12.87500	.06169
7.634	4.000	14.70600	5.98580	-.1.01340	6.93970	.06158	.05629	.05223	430.57000	12.89300	.06138

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 LESS DMS PODS

(S7E194) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2346/ 0 RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.651	4.130	14.71000	5.98590	-1.01390	6.95020	.06157	.05623	.05225	431.23000	12.91200	.06136
	GRADIENT		.00075	-.00840	-.00189	-.00216	-.00220	-.00223	.11429	-.00321	-.00222

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E095) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 347/ 0 RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.484	-4.524	19.34200	5.99040	-1.23260	6.90340	.06978	.06367	.05310	429.66000	12.82500	.07109
7.488	-4.400	19.34900	5.99050	-1.23380	6.90840	.06984	.06368	.05325	430.02000	12.83400	.07111
7.476	-4.200	19.35300	5.99060	-1.23570	6.90950	.06992	.06383	.05342	430.12000	12.83600	.07120
7.474	-4.000	19.35700	5.99080	-1.23770	6.91050	.07008	.06398	.05382	430.21000	12.83800	.07132
7.473	-3.800	19.36000	5.99090	-1.23980	6.91460	.07016	.06420	.05417	430.50000	12.84600	.07142
7.476	-3.600	19.36000	5.99100	-1.24140	6.91190	.07012	.06418	.05454	430.36000	12.84100	.07140
7.482	-3.400	19.36600	5.99110	-1.24350	6.90890	.06985	.06403	.05451	430.21000	12.83500	.07114
7.467	-3.200	19.36400	5.99120	-1.24550	6.89650	.06908	.06356	.05418	429.47000	12.81200	.07043
7.466	-3.000	19.37000	5.99130	-1.24760	6.88830	.06819	.06290	.05360	429.00000	12.79700	.06962
7.476	-2.800	19.37900	5.99140	-1.24990	6.89460	.06750	.06212	.05272	429.42000	12.80900	.06903
7.462	-2.600	19.38200	5.99150	-1.25210	6.88000	.06692	.06135	.05223	428.55000	12.78200	.06863
7.456	-2.400	19.38100	5.99160	-1.25380	6.87490	.06650	.06054	.05184	428.26000	12.77200	.06832
7.454	-2.200	19.39000	5.99170	-1.25640	6.87640	.06634	.05994	.05147	428.38000	12.77500	.06820
7.459	-2.000	19.39200	5.99190	-1.25810	6.88520	.06646	.05956	.05127	428.96000	12.79100	.06829
7.478	-1.800	19.39300	5.99200	-1.26010	6.88000	.06691	.05943	.05126	428.67000	12.78200	.06874
7.486	-1.600	19.40000	5.99210	-1.26240	6.88670	.06768	.05960	.05151	429.12000	12.79400	.06939
7.492	-1.400	19.41300	5.99220	-1.26480	6.90010	.06833	.05981	.05199	429.99000	12.81900	.06997
7.491	-1.200	19.42000	5.99230	-1.26720	6.91410	.06875	.05988	.05221	430.89000	12.84500	.07037
7.493	-1.000	19.42600	5.99240	-1.26930	6.92640	.06909	.06005	.05250	431.69000	12.86800	.07072
7.491	-.800	19.43200	5.99250	-1.27150	6.90980	.06926	.06011	.05270	430.69000	12.83700	.07084
7.501	-.600	19.43700	5.99260	-1.27390	6.91490	.06942	.06014	.05267	431.04000	12.84600	.07094
7.491	-.400	19.44000	5.99270	-1.27590	6.90640	.06940	.06007	.05271	430.55000	12.83100	.07094
7.488	-.200	19.44400	5.99290	-1.27830	6.89430	.06923	.05989	.05262	429.82000	12.80800	.07081
7.489	.000	19.44900	5.99300	-1.28040	6.89990	.06899	.05943	.05227	430.21000	12.81900	.07055
7.481	-.200	19.45300	5.99310	-1.28280	6.88960	.06881	.05914	.05189	429.60000	12.79900	.07040
7.469	.400	19.45500	5.99320	-1.28490	6.87380	.06871	.05891	.05197	428.65000	12.77000	.07027
7.469	.600	19.46000	5.99330	-1.28730	6.86950	.06857	.05869	.05193	428.42000	12.76200	.07012
7.452	.800	19.46300	5.99340	-1.28940	6.85230	.06838	.05835	.05176	427.38000	12.73000	.06986
7.464	1.000	19.46800	5.99350	-1.29180	6.85980	.06807	.05802	.05131	427.88000	12.74400	.06956
7.480	1.200	19.47600	5.99370	-1.29420	6.87170	.06793	.05784	.05132	428.65000	12.76600	.06945
7.475	1.400	19.47900	5.99380	-1.29660	6.86180	.06783	.05773	.05148	428.07000	12.74800	.06937
7.479	1.600	19.48400	5.99390	-1.29910	6.87400	.06772	.05765	.05158	428.87000	12.77000	.06922
7.483	1.800	19.48700	5.99400	-1.30120	6.87410	.06766	.05761	.05132	428.91000	12.77100	.06913
7.487	2.000	19.49300	5.99410	-1.30370	6.87880	.06756	.05754	.05120	429.23000	12.77900	.06906
7.499	2.200	19.49900	5.99420	-1.30630	6.88580	.06759	.05762	.05154	429.71000	12.79200	.06911
7.497	2.400	19.50600	5.99430	-1.30870	6.89640	.06772	.05778	.05135	430.40000	12.81200	.06918
7.490	2.600	19.51100	5.99450	-1.31130	6.89040	.06784	.05796	.05162	430.06000	12.80100	.06932
7.501	2.800	19.51500	5.99460	-1.31380	6.89030	.06786	.05805	.05179	430.09000	12.80100	.06927
7.506	3.000	19.52100	5.99470	-1.31670	6.89180	.06781	.05803	.05184	430.21000	12.80300	.06923
7.532	3.200	19.53000	5.99480	-1.31930	6.91530	.06785	.05800	.05192	431.72000	12.84700	.06922
7.498	3.400	19.53400	5.99490	-1.32200	6.89270	.06789	.05805	.05214	430.34000	12.80500	.06933
7.521	3.600	19.53800	5.99500	-1.32450	6.90560	.06789	.05815	.05240	431.18000	12.82900	.06932

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E095) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 347/0 RN/L = 7.48 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.486	3.800	19.54200	5.99510	-1.32710	6.87210	.06796	.05821	.05261	429.12000	12.76700	.06933
	GRADIENT		.00059	-.01120	-.03680	-.00078	-.00132	-.00079	-.2.12142	-.06839	-.00075

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E195) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2347/ 0 RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.496	-4.500	19.34300	5.99040	-1.23260	6.90710	.06981	.06365	.05309	429.91000	12.83200	.07105
7.485	-4.300	19.35300	5.99060	-1.23490	6.91050	.06985	.06372	.05322	430.16000	12.83800	.07113
7.474	-4.100	19.35700	5.99070	-1.23680	6.91000	.07004	.06389	.05351	430.17000	12.83700	.07129
7.475	-3.900	19.35800	5.99080	-1.23860	6.91380	.07013	.06410	.05402	430.43000	12.84500	.07134
7.473	-3.700	19.36100	5.99090	-1.24070	6.91350	.07019	.06420	.05442	430.45000	12.84400	.07145
7.481	-3.500	19.36200	5.99100	-1.24230	6.91160	.07002	.06413	.05455	430.36000	12.84000	.07132
7.478	-3.300	19.36500	5.99110	-1.24450	6.90420	.06955	.06388	.05436	429.93000	12.82700	.07083
7.460	-3.100	19.36900	5.99130	-1.24680	6.88810	.06866	.06326	.05402	428.97000	12.79700	.07002
7.477	-2.900	19.37500	5.99140	-1.24870	6.89690	.06783	.06248	.05307	429.55000	12.81300	.06929
7.461	-2.700	19.38300	5.99150	-1.25130	6.87870	.06721	.06175	.05241	428.44000	12.77900	.06884
7.464	-2.500	19.38200	5.99160	-1.25290	6.88160	.06672	.06095	.05204	428.66000	12.78500	.06849
7.451	-2.300	19.38500	5.99170	-1.25510	6.87230	.06639	.06019	.05156	428.11000	12.76700	.06818
7.448	-2.100	19.39000	5.99180	-1.25730	6.87350	.06635	.05972	.05123	428.22000	12.76900	.06822
7.474	-1.900	19.39100	5.99190	-1.25900	6.88310	.06664	.05950	.05125	428.85000	12.78700	.06849
7.483	-1.700	19.39800	5.99200	-1.26140	6.88110	.06725	.05946	.05146	428.75000	12.78400	.06904
7.493	-1.500	19.40200	5.99210	-1.26330	6.89490	.06804	.05975	.05180	429.65000	12.80900	.06971
7.485	-1.300	19.41800	5.99220	-1.26610	6.90180	.06857	.05986	.05206	430.11000	12.82200	.07024
7.501	-1.100	19.42500	5.99230	-1.26830	6.93220	.06895	.05992	.05234	432.04000	12.87900	.07058
7.484	-.900	19.42900	5.99250	-1.27050	6.91430	.06919	.06009	.05252	430.95000	12.84500	.07079
7.501	-.700	19.43400	5.99260	-1.27270	6.91340	.06939	.06014	.05277	430.93000	12.84400	.07090
7.495	-.500	19.43900	5.99270	-1.27490	6.91090	.06942	.06014	.05290	430.81000	12.83900	.07097
7.493	-.300	19.44200	5.99280	-1.27710	6.90180	.06931	.06000	.05268	430.28000	12.82200	.07085
7.489	-.100	19.44600	5.99290	-1.27940	6.89670	.06911	.05967	.05233	429.99000	12.81300	.07066
7.478	.100	19.45000	5.99300	-1.28160	6.89020	.06891	.05930	.05199	429.62000	12.80100	.07049
7.474	.300	19.45300	5.99310	-1.28380	6.88150	.06876	.05906	.05200	429.11000	12.78400	.07035
7.474	.500	19.45900	5.99330	-1.28610	6.87530	.06865	.05879	.05178	428.76000	12.77300	.07020
7.453	.700	19.45900	5.99340	-1.28820	6.85760	.06846	.05856	.05175	427.69000	12.74000	.07005
7.465	.900	19.46800	5.99350	-1.29070	6.85940	.06816	.05818	.05164	427.83000	12.74300	.06970
7.476	1.100	19.47100	5.99360	-1.29310	6.86660	.06796	.05789	.05142	428.32000	12.75700	.06948
7.477	1.300	19.47400	5.99370	-1.29520	6.86520	.06792	.05783	.05130	428.26000	12.75400	.06940
7.478	1.500	19.48300	5.99380	-1.29790	6.86900	.06780	.05769	.05135	428.54000	12.76100	.06928
7.486	1.700	19.48700	5.99390	-1.30010	6.87910	.06765	.05766	.05155	429.20000	12.78000	.06919
7.485	1.900	19.49100	5.99410	-1.30250	6.87420	.06759	.05754	.05145	428.93000	12.77100	.06908
7.496	2.100	19.49600	5.99420	-1.30490	6.88550	.06758	.05755	.05125	429.67000	12.79200	.06904
7.504	2.300	19.50100	5.99430	-1.30740	6.89430	.06765	.05772	.05140	430.25000	12.80800	.06914
7.496	2.500	19.50800	5.99440	-1.30980	6.89830	.06780	.05792	.05162	430.53000	12.81500	.06928
7.488	2.700	19.51300	5.99450	-1.31260	6.88530	.06787	.05800	.05174	429.76000	12.79100	.06935
7.512	2.900	19.51900	5.99460	-1.31540	6.89770	.06783	.05805	.05180	430.57000	12.81400	.06926
7.521	3.100	19.52500	5.99480	-1.31800	6.89950	.06784	.05799	.05176	430.72000	12.81800	.06923
7.517	3.300	19.53300	5.99490	-1.32080	6.91050	.06788	.05803	.05217	431.43000	12.83800	.06932
7.516	3.500	19.53300	5.99500	-1.32310	6.89980	.06788	.05806	.05230	430.80000	12.81800	.06930
7.494	3.700	19.54000	5.99510	-1.32580	6.88360	.06796	.05819	.05248	429.82000	12.78800	.06937

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E195) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

PARAMETRIC DATA

ALPHA	=	20.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2347/ O RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.486	3.817	19.54200	5.99520	-1.32730	6.87070	.06796	.05821	.05264	429.04000	12.76400	.06933
	GRADIENT	.01957	.00057	-.01119	-.03506	-.00082	-.00141	-.00114	-.2.01857	-.06514	-.00078

DATE 14 DEC 82

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7EO96) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

ALPHA =	20.000	PHI =	.000
SPDBRK =	.000	AILRON =	.000
YP =	1.000	1S =	1.000
ELEVON =	.000	MACH =	6.000
S-MODE =	2.000	S-DIR =	1.000

RUN NO. 382/Q RN/L = 2-27 GRADIENT INTERVAL = .60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.274	-2.340	19.70600	5.95970	-1.32700	2.46130	.02197	.02411	.01776	149.97000	4.57320	.02567
2.274	-2.171	19.70400	5.95980	-1.32710	2.45980	.02197	.02417	.01787	149.88000	4.57030	.02567
2.276	-2.001	19.70400	5.95990	-1.32740	2.45940	.02203	.02438	.01787	149.87000	4.56950	.02566
2.271	-1.840	19.70800	5.96000	-1.32800	2.46060	.02192	.02426	.01798	149.95000	4.57170	.02566
2.270	-1.653	19.71200	5.96010	-1.32860	2.46060	.02175	.02405	.01765	149.97000	4.57190	.02541
2.274	-1.493	19.71500	5.96020	-1.32930	2.46180	.02164	.02386	.01754	150.05000	4.57410	.02522
2.283	-1.338	19.72000	5.96030	-1.32990	2.46740	.02147	.02377	.01743	150.40000	4.58440	.02516
2.274	-1.169	19.72900	5.96040	-1.33070	2.46560	.02143	.02361	.01722	150.30000	4.58110	.02503
2.268	-1.000	19.72700	5.96050	-1.33100	2.46810	.02137	.02361	.01722	150.46000	4.58580	.02490
2.264	-.853	19.72500	5.96060	-1.33130	2.46770	.02138	.02359	.01722	150.45000	4.58500	.02503
2.260	-.703	19.73500	5.96070	-1.33220	2.46510	.02132	.02343	.01732	150.30000	4.58020	.02497
2.262	-.533	19.74400	5.96080	-1.33320	2.46880	.02133	.02316	.01722	150.53000	4.58690	.02496
2.261	-.388	19.74800	5.96090	-1.33380	2.46890	.02132	.02294	.01722	150.55000	4.58720	.02497
2.263	-.227	19.75200	5.96090	-1.33440	2.47140	.02132	.02275	.01732	150.71000	4.59190	.02503
2.263	-.070	19.75500	5.96100	-1.33510	2.47130	.02137	.02263	.01732	150.71000	4.59160	.02503
2.263	.094	19.75400	5.96110	-1.33540	2.46950	.02143	.02254	.01733	150.61000	4.58830	.02509
2.262	.251	19.76300	5.96120	-1.33660	2.46800	.02143	.02248	.01744	150.53000	4.58540	.02515
2.268	.423	19.76700	5.96130	-1.33730	2.47050	.02138	.02230	.01744	150.70000	4.59020	.02503
2.269	.577	19.77000	5.96140	-1.33800	2.47010	.02133	.02214	.01722	150.68000	4.58940	.02496
2.276	.727	19.77500	5.96150	-1.33870	2.47320	.02116	.02183	.01700	150.88000	4.59510	.02477
2.275	.876	19.77200	5.96160	-1.33890	2.47030	.02099	.02159	.01689	150.71000	4.58980	.02458
2.277	1.042	19.78800	5.96170	-1.34050	2.47290	.02089	.02122	.01656	150.88000	4.59450	.02439
2.276	1.201	19.78500	5.96180	-1.34080	2.47000	.02078	.02103	.01634	150.71000	4.58920	.02426
2.277	1.360	19.78400	5.96190	-1.34120	2.47530	.02072	.02085	.01612	151.05000	4.59900	.02420
2.273	1.520	19.79300	5.96200	-1.34230	2.47070	.02068	.02082	.01623	150.78000	4.59060	.02419
2.275	1.694	19.79200	5.96210	-1.34280	2.47490	.02056	.02073	.01634	151.05000	4.59830	.02413
2.276	1.831	19.80100	5.96220	-1.34390	2.47610	.02051	.02060	.01634	151.13000	4.60060	.02413
2.295	2.136	19.80900	5.96290	-1.34540	2.47860	.02035	.02064	.01733	151.36000	4.60530	.02419
GRADIENT		.02302	.00054	-.00432	.00038	.00006	-.00083	.00011	.08617	.00071	.00005

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E097) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1382/ 0 RN/L = 2.33 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.356	-2.190	19.70600	5.97020	-1.32670	2.51480	.02197	.02414	.01787	154.35000	4.67240	.02566
2.351	-1.998	19.71600	5.96990	-1.32770	2.51570	.02170	.02380	.01765	154.37000	4.67390	.02522
2.341	-1.851	19.71400	5.96970	-1.32800	2.51450	.02165	.02371	.01755	154.27000	4.67180	.02528
2.352	-1.672	19.72400	5.96940	-1.32880	2.51500	.02160	.02365	.01755	154.27000	4.67270	.02528
2.348	-1.462	19.73000	5.96910	-1.32940	2.51880	.02169	.02340	.01754	154.47000	4.67980	.02523
2.345	-1.218	19.73500	5.96870	-1.33050	2.51340	.02176	.02303	.01776	154.10000	4.66970	.02541
2.342	-1.007	19.73400	5.96840	-1.33090	2.51260	.02176	.02260	.01776	154.02000	4.66820	.02547
2.335	-.817	19.74300	5.96810	-1.33200	2.51170	.02176	.02223	.01776	153.94000	4.66670	.02554
2.338	-.649	19.74700	5.96780	-1.33280	2.50980	.02181	.02214	.01776	153.79000	4.66310	.02554
2.339	-.454	19.75200	5.96750	-1.33380	2.51170	.02175	.02208	.01765	153.87000	4.66660	.02541
2.331	-.263	19.75700	5.96720	-1.33430	2.50960	.02159	.02196	.01754	153.70000	4.66270	.02528
2.338	-.047	19.76100	5.96690	-1.33530	2.50880	.02143	.02159	.01711	153.62000	4.66120	.02503
2.323	.123	19.76500	5.96650	-1.33580	2.50540	.02105	.02116	.01656	153.37000	4.65480	.02471
2.320	.307	19.76900	5.96620	-1.33690	2.50560	.02089	.02082	.01634	153.36000	4.65530	.02451
2.321	.507	19.77400	5.96580	-1.33780	2.50380	.02062	.02036	.01591	153.21000	4.65200	.02407
2.323	.685	19.77800	5.96550	-1.33860	2.50060	.02055	.02014	.01590	152.97000	4.64600	.02395
2.324	.872	19.78600	5.96510	-1.33990	2.49690	.02051	.02023	.01591	152.71000	4.63920	.02413
2.315	1.047	19.78500	5.96470	-1.34030	2.49540	.02038	.02035	.01634	152.57000	4.63630	.02414
2.308	1.238	19.79400	5.96440	-1.34150	2.49270	.02018	.02030	.01678	152.38000	4.63130	.02401
2.298	1.433	19.79800	5.96410	-1.34240	2.48510	.02007	.02023	.01711	151.88000	4.61730	.02407
2.301	1.627	19.79700	5.96370	-1.34290	2.48410	.02008	.02027	.01744	151.78000	4.61540	.02400
2.294	1.841	19.80200	5.96330	-1.34400	2.48070	.02014	.02045	.01755	151.53000	4.60900	.02400
	GRADIENT	.02243	-.00178	-.00423	-.00819	-.00122	-.00186	-.00192	-.68245	-.01516	-.00140

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E098) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XD
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 348/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	0	BP1	BP2	BP3	PT1	PT2	PSC
7.568	-4.451	24.11900	5.98740	-1.51500	6.88900	.07949	.05641	.04922	427.88000	12.79900	.08439
7.563	-4.300	24.13000	5.98760	-1.51690	6.90210	.07967	.05653	.04931	428.74000	12.82300	.08459
7.564	-4.100	24.13200	5.98770	-1.51920	6.89870	.07994	.05688	.04955	428.56000	12.81700	.08483
7.564	-3.900	24.13300	5.98780	-1.52170	6.89160	.08023	.05733	.04985	428.15000	12.80300	.08502
7.558	-3.700	24.13500	5.98790	-1.52420	6.88500	.08040	.05789	.05026	427.77000	12.79100	.08503
7.532	-3.500	24.14000	5.98800	-1.52700	6.86680	.08030	.05872	.05071	426.67000	12.75700	.08457
7.547	-3.300	24.14400	5.98810	-1.52940	6.87400	.08002	.05974	.05155	427.16000	12.77100	.08387
7.538	-3.100	24.14900	5.98820	-1.53210	6.87260	.08042	.06086	.05222	427.10000	12.76800	.08379
7.512	-2.900	24.15700	5.98830	-1.53510	6.85850	.08093	.06169	.05319	426.25000	12.74200	.08393
7.527	-2.700	24.16500	5.98840	-1.53780	6.86220	.08129	.06172	.05378	426.52000	12.74900	.08400
7.537	-2.500	24.17000	5.98850	-1.54040	6.85740	.08155	.06164	.05398	426.25000	12.74000	.08405
7.525	-2.300	24.17800	5.98860	-1.54320	6.85370	.08178	.06158	.05445	426.05000	12.73300	.08422
7.505	-2.100	24.18200	5.98870	-1.54590	6.85440	.08192	.06156	.05463	426.12000	12.73400	.08448
7.510	-1.900	24.19200	5.98880	-1.54850	6.86870	.08201	.06151	.05487	427.04000	12.76100	.08451
7.524	-1.700	24.19700	5.98890	-1.55110	6.87740	.08238	.06150	.05504	427.61000	12.77700	.08512
7.506	-1.500	24.20400	5.98900	-1.55400	6.86960	.08257	.06133	.05494	427.16000	12.76200	.08550
7.499	-1.300	24.20900	5.98910	-1.55680	6.86790	.08255	.06113	.05477	427.08000	12.75900	.08545
7.501	-1.100	24.21500	5.98930	-1.55950	6.86830	.08249	.06081	.05424	427.14000	12.76000	.08541
7.515	-.900	24.22300	5.98940	-1.56200	6.88020	.08239	.06053	.05377	427.91000	12.78200	.08535
7.497	-.700	24.22500	5.98950	-1.56480	6.85910	.08219	.06008	.05327	426.63000	12.74300	.08520
7.512	-.500	24.23500	5.98960	-1.56760	6.87650	.08204	.05977	.05279	427.75000	12.77500	.08512
7.508	-.300	24.23800	5.98970	-1.57020	6.86810	.08206	.05974	.05252	427.26000	12.76000	.08541
7.526	-.100	24.24600	5.98980	-1.57310	6.87510	.08220	.06006	.05264	427.73000	12.77300	.08591
7.530	.100	24.25400	5.98990	-1.57580	6.89360	.08243	.06058	.05296	428.91000	12.80700	.08659
7.519	.300	24.26200	5.99000	-1.57880	6.89340	.08261	.06125	.05322	428.93000	12.80700	.08718
7.528	.500	24.26800	5.99010	-1.58170	6.89830	.08269	.06189	.05376	429.27000	12.81600	.08754
7.530	.700	24.27300	5.99020	-1.58460	6.90050	.08269	.06236	.05431	429.43000	12.82000	.08781
7.522	.900	24.28100	5.99040	-1.58760	6.89420	.08270	.06268	.05484	429.08000	12.80800	.08786
7.532	1.100	24.28500	5.99050	-1.59050	6.90830	.08257	.06288	.05517	429.99000	12.83400	.08779
7.547	1.300	24.29600	5.99060	-1.59370	6.91380	.08252	.06283	.05538	430.36000	12.84400	.08785
7.528	1.500	24.29600	5.99070	-1.59640	6.89020	.08240	.06279	.05550	428.93000	12.80100	.08778
7.529	1.700	24.30000	5.99080	-1.59940	6.88450	.08212	.06277	.05580	428.60000	12.79000	.08746
7.519	1.900	24.30300	5.99090	-1.60230	6.86260	.08191	.06267	.05543	427.27000	12.74900	.08730
7.486	2.100	24.30200	5.99100	-1.60520	6.83460	.08170	.06262	.05539	425.56000	12.69700	.08703
7.494	2.300	24.31200	5.99110	-1.60840	6.84850	.08147	.06260	.05533	426.46000	12.72300	.08680
7.489	2.500	24.31600	5.99120	-1.61170	6.84550	.08143	.06264	.05524	426.31000	12.71800	.08678
7.492	2.700	24.32400	5.99130	-1.61470	6.85540	.08145	.06260	.05530	426.95000	12.73600	.08693
7.494	2.900	24.33000	5.99150	-1.61800	6.84900	.08150	.06206	.05554	426.59000	12.72400	.08697
7.483	3.100	24.33500	5.99160	-1.62110	6.84280	.08143	.06136	.05589	426.24000	12.71300	.08687
7.483	3.300	24.33700	5.99170	-1.62410	6.84450	.08131	.06076	.05556	426.38000	12.71600	.08680
7.492	3.500	24.34300	5.99180	-1.62740	6.84070	.08124	.06028	.05542	426.17000	12.70900	.08680
7.511	3.689	24.34900	5.99190	-1.63040	6.84500	.08104	.05986	.05518	426.47000	12.71700	.08668
GRADIENT	.03500	.00050	-.01414	.02906	.00073	.00223	.00104	1.97000	.05429	.00258	

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E198) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2348/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.561	-4.400	24.12300	5.98750	-1.51550	6.89670	.07960	.05648	.04939	428.39000	12.81300	.08447
7.563	-4.200	24.13100	5.98760	-1.51800	6.90300	.07981	.05669	.04952	428.82000	12.82500	.08472
7.560	-4.000	24.13300	5.98770	-1.52070	6.89120	.08008	.05707	.04962	428.11000	12.80300	.08494
7.560	-3.800	24.13400	5.98780	-1.52290	6.88600	.08033	.05761	.05016	427.82000	12.79300	.08506
7.548	-3.600	24.13800	5.98790	-1.52560	6.87860	.08038	.05829	.05051	427.39000	12.77900	.08486
7.533	-3.400	24.14300	5.98800	-1.52830	6.86750	.08011	.05920	.05112	426.73000	12.75900	.08420
7.540	-3.200	24.14700	5.98820	-1.53080	6.87110	.08018	.06033	.05191	426.99000	12.76500	.08381
7.534	-3.000	24.15200	5.98830	-1.53330	6.87420	.08067	.06138	.05278	427.21000	12.77100	.08381
7.515	-2.800	24.15900	5.98840	-1.53630	6.86070	.08112	.06173	.05330	426.41000	12.74600	.08401
7.541	-2.600	24.16900	5.98850	-1.53900	6.86410	.08141	.06167	.05393	426.65000	12.75200	.08403
7.535	-2.400	24.17400	5.98860	-1.54190	6.85490	.08166	.06160	.05428	426.11000	12.73500	.08411
7.506	-2.200	24.17900	5.98870	-1.54460	6.84730	.08190	.06158	.05466	425.67000	12.72100	.08439
7.505	-2.000	24.18700	5.98880	-1.54720	6.86250	.08197	.06154	.05472	426.64000	12.74900	.08451
7.524	-1.800	24.19400	5.98890	-1.54970	6.87520	.08214	.06153	.05504	427.46000	12.77300	.08478
7.510	-1.600	24.20100	5.98900	-1.55260	6.87040	.08249	.06143	.05503	427.19000	12.76400	.08538
7.503	-1.400	24.20500	5.98910	-1.55520	6.87070	.08257	.06123	.05461	427.24000	12.76500	.08547
7.501	-1.200	24.21300	5.98920	-1.55820	6.87000	.08252	.06098	.05443	427.23000	12.76300	.08545
7.508	-1.000	24.22000	5.98930	-1.56080	6.87390	.08241	.06067	.05411	427.50000	12.77000	.08534
7.498	-.800	24.22400	5.98940	-1.56360	6.86320	.08231	.06028	.05337	426.87000	12.75100	.08527
7.501	-.600	24.23000	5.98950	-1.56620	6.86580	.08210	.05989	.05291	427.06000	12.75500	.08515
7.503	-.400	24.24100	5.98960	-1.56920	6.86940	.08204	.05973	.05266	427.32000	12.76200	.08529
7.528	-.200	24.24300	5.98980	-1.57160	6.87970	.08212	.05986	.05253	427.99000	12.78100	.08561
7.527	.000	24.25000	5.98990	-1.57450	6.88150	.08230	.06031	.05285	428.14000	12.78400	.08620
7.522	.200	24.25900	5.99000	-1.57740	6.88340	.08255	.06094	.05315	428.91000	12.80700	.08690
7.524	.400	24.26300	5.99010	-1.58020	6.88550	.08263	.06158	.05354	429.08000	12.81100	.08737
7.522	.600	24.27300	5.99020	-1.58330	6.89430	.08272	.06209	.05409	429.04000	12.80800	.08767
7.530	.800	24.27600	5.99030	-1.58600	6.90070	.08272	.06249	.05448	429.47000	12.82000	.08783
7.523	1.000	24.28300	5.99040	-1.58900	6.89590	.08264	.06282	.05506	429.20000	12.81100	.08787
7.548	1.200	24.29000	5.99050	-1.59200	6.92090	.08254	.06287	.05537	430.79000	12.85800	.08779
7.539	1.400	24.29500	5.99060	-1.59490	6.90330	.08249	.06283	.05545	429.72000	12.82500	.08784
7.530	1.600	24.29800	5.99070	-1.59780	6.88910	.08225	.06276	.05552	428.87000	12.79900	.08758
7.526	1.800	24.30100	5.99080	-1.60080	6.87120	.08200	.06272	.05565	427.79000	12.76500	.08742
7.504	2.000	24.30400	5.99100	-1.60370	6.85050	.08181	.06264	.05532	426.53000	12.72700	.08716
7.490	2.200	24.30700	5.99110	-1.60680	6.84070	.08151	.06255	.05517	425.96000	12.70900	.08683
7.483	2.400	24.31400	5.99120	-1.61000	6.84020	.08145	.06265	.05514	425.96000	12.70800	.08678
7.499	2.600	24.32100	5.99130	-1.61310	6.85640	.08143	.06263	.05516	427.00000	12.73800	.08686
7.491	2.800	24.32600	5.99140	-1.61620	6.85270	.08150	.06242	.05540	426.80000	12.73100	.08696
7.487	3.000	24.32900	5.99150	-1.61930	6.84260	.08146	.06168	.05558	426.21000	12.71200	.08694
7.482	3.200	24.33400	5.99160	-1.62260	6.84260	.08138	.06109	.05572	426.24000	12.71200	.08683
7.482	3.400	24.34100	5.99170	-1.62570	6.84420	.08128	.06051	.05559	426.37000	12.71500	.08682
7.500	3.600	24.34400	5.99180	-1.62890	6.83420	.08113	.06004	.05537	425.78000	12.69700	.08669
	GRADIENT	.03375	.00059	-.01413	.02704	.00061	.00203	.00106	1.85358	.05054	.00233

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E099) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 384/0 RN/L = 2.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.407	-2.429	24.56600	5.95570	-1.63270	2.46050	.02468	.02338	.02324	149.50000	4.57170	.02680
2.415	-2.259	24.57100	5.95580	-1.63350	2.46310	.02474	.02338	.02324	149.67000	4.57640	.02674
2.409	-2.097	24.57600	5.95590	-1.63420	2.46290	.02468	.02344	.02346	149.67000	4.57610	.02680
2.406	-1.940	24.58100	5.95600	-1.63500	2.46250	.02458	.02347	.02357	149.65000	4.57530	.02667
2.399	-1.772	24.58500	5.95610	-1.63560	2.46250	.02436	.02332	.02356	149.67000	4.57550	.02648
2.393	-1.618	24.58400	5.95620	-1.63610	2.46260	.02414	.02310	.02345	149.68000	4.57560	.02630
2.391	-1.456	24.58900	5.95630	-1.63650	2.46380	.02397	.02286	.02335	149.77000	4.57780	.02610
2.394	-1.284	24.59900	5.95640	-1.63790	2.46340	.02376	.02264	.02313	149.75000	4.57700	.02584
2.404	-1.136	24.60400	5.95650	-1.63870	2.46460	.02360	.02240	.02313	149.83000	4.57920	.02571
2.412	-.978	24.60900	5.95660	-1.63920	2.46440	.02344	.02221	.02302	149.83000	4.57890	.02559
2.418	-.820	24.60800	5.95670	-1.63980	2.46560	.02333	.02203	.02291	149.92000	4.58110	.02546
2.434	-.656	24.61800	5.95680	-1.64100	2.46570	.02322	.02175	.02291	149.93000	4.58130	.02540
2.426	-.498	24.62300	5.95690	-1.64190	2.46690	.02316	.02151	.02302	150.02000	4.58350	.02540
2.418	-.343	24.62300	5.95700	-1.64230	2.46650	.02295	.02141	.02291	150.00000	4.58270	.02520
2.409	-.185	24.63300	5.95710	-1.64360	2.46760	.02290	.02117	.02302	150.08000	4.58490	.02527
2.415	-.025	24.63800	5.95720	-1.64430	2.46720	.02280	.02108	.02313	150.07000	4.58410	.02514
2.407	.126	24.64200	5.95730	-1.64510	2.46570	.02263	.02089	.02291	149.98000	4.58130	.02488
2.398	.276	24.64600	5.95740	-1.64610	2.46690	.02252	.02065	.02258	150.07000	4.58350	.02469
2.392	.435	24.65700	5.95750	-1.64730	2.46810	.02231	.02034	.02193	150.15000	4.58570	.02450
2.395	.587	24.65500	5.95760	-1.64780	2.46760	.02215	.02019	.02182	150.13000	4.58490	.02430
2.395	.735	24.65900	5.95770	-1.64850	2.46830	.02208	.01997	.02160	150.18000	4.58610	.02425
2.394	.886	24.66400	5.95780	-1.64960	2.46950	.02219	.02009	.02149	150.27000	4.58830	.02431
2.403	1.055	24.66800	5.95790	-1.65050	2.46900	.02241	.02031	.02182	150.25000	4.58750	.02456
2.406	1.216	24.67300	5.95800	-1.65140	2.47160	.02257	.02055	.02214	150.42000	4.59220	.02476
2.395	1.366	24.67800	5.95810	-1.65220	2.46870	.02284	.02086	.02269	150.25000	4.58680	.02514
2.387	1.521	24.68200	5.95820	-1.65320	2.46690	.02307	.02126	.02291	150.15000	4.58350	.02533
2.398	1.664	24.69200	5.95830	-1.65460	2.46950	.02323	.02145	.02335	150.32000	4.58830	.02558
2.405	1.809	24.69600	5.95840	-1.65550	2.46960	.02328	.02166	.02346	150.33000	4.58850	.02571
	GRADIENT	.03357	.00064	-.00573	.00071	-.00089	-.00125	-.00113	.10750	.00137	-.00102

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 629

DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7EOA1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1384/0 RN/L = 2.33 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.298	-2.196	24.57000	5.96780	-1.63400	2.44270	.02333	.02227	.02302	149.67000	4.53830	.02540
2.306	-2.025	24.57500	5.96740	-1.63470	2.44060	.02301	.02197	.02269	149.50000	4.53450	.02508
2.306	-1.841	24.58100	5.96700	-1.63540	2.44670	.02284	.02166	.02258	149.83000	4.54580	.02488
2.310	-1.630	24.58700	5.96670	-1.63660	2.44320	.02268	.02141	.02258	149.58000	4.53930	.02476
2.315	-1.441	24.59800	5.96630	-1.63760	2.44390	.02257	.02123	.02258	149.58000	4.54060	.02469
2.314	-1.279	24.59800	5.96590	-1.63820	2.44500	.02256	.02104	.02280	149.62000	4.54270	.02477
2.315	-1.096	24.60300	5.96550	-1.63910	2.44510	.02252	.02092	.02302	149.58000	4.54300	.02488
2.320	-.914	24.60800	5.96510	-1.63970	2.44590	.02252	.02086	.02302	149.58000	4.54430	.02488
2.333	-.749	24.61300	5.96470	-1.64050	2.44790	.02241	.02074	.02291	149.67000	4.54810	.02476
2.328	-.557	24.61900	5.96430	-1.64150	2.44700	.02231	.02052	.02280	149.57000	4.54650	.02462
2.338	-.376	24.62900	5.96380	-1.64280	2.44800	.02209	.02018	.02203	149.58000	4.54830	.02424
2.335	-.194	24.63000	5.96350	-1.64360	2.44590	.02187	.01994	.02149	149.42000	4.54450	.02392
2.332	-.020	24.63500	5.96310	-1.64450	2.44650	.02165	.01969	.02094	149.42000	4.54560	.02367
2.336	.180	24.64600	5.96270	-1.64590	2.44590	.02154	.01963	.02094	149.34000	4.54440	.02348
2.355	.353	24.64500	5.96220	-1.64640	2.44800	.02209	.02012	.02160	149.42000	4.54840	.02412
2.345	.550	24.65600	5.96190	-1.64800	2.45030	.02273	.02077	.02269	149.52000	4.55260	.02476
2.342	.739	24.66200	5.96150	-1.64900	2.45040	.02312	.02145	.02335	149.49000	4.55280	.02533
2.341	.936	24.66300	5.96100	-1.64990	2.45410	.02344	.02191	.02400	149.67000	4.55970	.02565
2.354	1.128	24.67400	5.96070	-1.65130	2.45590	.02361	.02237	.02422	149.73000	4.56300	.02603
2.372	1.305	24.67300	5.96030	-1.65190	2.45540	.02371	.02252	.02433	149.67000	4.56220	.02616
2.365	1.491	24.68600	5.95990	-1.65350	2.46130	.02377	.02249	.02455	149.98000	4.57300	.02635
2.382	1.696	24.69200	5.95940	-1.65490	2.46920	.02376	.02227	.02444	150.42000	4.58780	.02635
	GRADIENT	.03093	-.00217	-.00563	.00194	.00019	.00007	-.00032	-.10551	.00361	-.00005

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OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 630

OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(\$7EOA2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 349/0 RN/L = 7.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.605	-4.529	28.93800	5.99000	-1.78670	6.87670	.10841	.06248	.05195	427.90000	12.77600	.11690
7.586	-4.400	28.94900	5.99010	-1.78930	6.85730	.10846	.06256	.05206	426.72000	12.74000	.11696
7.605	-4.200	28.95500	5.99020	-1.79180	6.86980	.10845	.06264	.05197	427.53000	12.76300	.11696
7.593	-4.000	28.96000	5.99030	-1.79440	6.87450	.10855	.06303	.05246	427.84000	12.77200	.11705
7.585	-3.800	28.96500	5.99040	-1.79730	6.87130	.10867	.06349	.05296	427.67000	12.76600	.11706
7.570	-3.600	28.96800	5.99050	-1.80060	6.85740	.10871	.06400	.05377	426.83000	12.74000	.11700
7.560	-3.400	28.97300	5.99060	-1.80370	6.84980	.10856	.06438	.05408	426.38000	12.72600	.11687
7.572	-3.200	28.98200	5.99070	-1.80680	6.85060	.10851	.06470	.05450	426.46000	12.72700	.11695
7.559	-3.000	28.98500	5.99080	-1.80990	6.83170	.10851	.06489	.05507	425.31000	12.69200	.11693
7.547	-2.800	28.99600	5.99090	-1.81320	6.83680	.10850	.06508	.05548	425.65000	12.70100	.11687
7.525	-2.600	29.00200	5.99090	-1.81620	6.83260	.10854	.06535	.05603	425.42000	12.69400	.11690
7.526	-2.400	29.01300	5.99100	-1.81950	6.83340	.10837	.06537	.05649	425.49000	12.69500	.11683
7.532	-2.200	29.01400	5.99110	-1.82230	6.82580	.10822	.06526	.05685	425.05000	12.68100	.11680
7.532	-2.000	29.02100	5.99120	-1.82550	6.82370	.10820	.06507	.05717	424.94000	12.67700	.11680
7.535	-1.800	29.03100	5.99130	-1.82870	6.82480	.10820	.06502	.05794	425.03000	12.67900	.11688
7.526	-1.600	29.03400	5.99140	-1.83160	6.82190	.10823	.06503	.05842	424.88000	12.67400	.11704
7.537	-1.400	29.04400	5.99150	-1.83500	6.82510	.10827	.06507	.05889	425.11000	12.68000	.11719
7.547	-1.200	29.05100	5.99160	-1.83810	6.82280	.10838	.06544	.05931	424.99000	12.67500	.11743
7.554	-1.000	29.06100	5.99160	-1.84130	6.83790	.10842	.06570	.05959	425.96000	12.70300	.11777
7.528	-.800	29.06500	5.99170	-1.84430	6.83500	.10857	.06633	.06012	425.80000	12.69800	.11811
7.546	-.600	29.08000	5.99180	-1.84790	6.86090	.10901	.06710	.06051	427.44000	12.74600	.11862
7.550	-.400	29.08700	5.99190	-1.85120	6.85890	.10944	.06779	.06100	427.34000	12.74200	.11920
7.562	-.200	29.09300	5.99200	-1.85460	6.85210	.10950	.06820	.06124	426.95000	12.73000	.11937
7.548	0.000	29.09900	5.99210	-1.85800	6.85580	.10962	.06848	.06150	427.20000	12.73700	.11967
7.543	.200	29.11000	5.99220	-1.86160	6.86090	.10979	.06861	.06157	427.55000	12.74600	.12003
7.526	.400	29.11000	5.99230	-1.86490	6.85090	.10994	.06862	.06179	426.95000	12.72800	.12029
7.548	.600	29.12500	5.99240	-1.86840	6.87510	.11016	.06874	.06193	428.49000	12.77300	.12061
7.552	.800	29.13300	5.99250	-1.87200	6.87800	.11039	.06871	.06189	428.70000	12.77800	.12088
7.544	1.000	29.13600	5.99260	-1.87540	6.87030	.11060	.06856	.06192	428.24000	12.76400	.12112
7.518	1.200	29.13700	5.99270	-1.87910	6.84280	.11057	.06816	.06206	426.56000	12.71200	.12099
7.523	1.400	29.14400	5.99270	-1.88250	6.84390	.11035	.06770	.06179	426.65000	12.71400	.12081
7.523	1.600	29.15000	5.99280	-1.88610	6.84610	.11046	.06734	.06139	426.81000	12.71900	.12090
7.527	1.800	29.15900	5.99290	-1.88980	6.85230	.11044	.06693	.06090	427.23000	12.73000	.12089
7.531	2.000	29.16900	5.99300	-1.89370	6.85890	.11074	.06654	.06034	427.67000	12.74200	.12124
7.526	2.200	29.17300	5.99310	-1.89690	6.85980	.11119	.06639	.06013	427.75000	12.74400	.12172
7.525	2.400	29.18200	5.99320	-1.90080	6.85240	.11134	.06599	.05951	427.32000	12.73000	.12185
7.519	2.600	29.18400	5.99330	-1.90420	6.84530	.11137	.06559	.05912	426.90000	12.71700	.12192
7.524	2.800	29.19600	5.99340	-1.90840	6.85550	.11184	.06537	.05888	427.57000	12.73600	.12247
7.524	3.000	29.20000	5.99350	-1.91180	6.85250	.11218	.06507	.05871	427.41000	12.73000	.12290
7.519	3.200	29.20600	5.99360	-1.91560	6.85200	.11237	.06467	.05853	427.40000	12.73000	.12328
7.527	3.400	29.21100	5.99370	-1.91920	6.86200	.11281	.06419	.05859	428.05000	12.74800	.12388
7.511	3.600	29.21500	5.99380	-1.92280	6.84320	.11310	.06377	.05879	426.91000	12.71300	.12425

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7EOA2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 349/0 RN/L = 7.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.519	3.794	29.21100	5.99380	-1.92430	6.84440	.11318	.06331	.05856	427.00000	12.71600	.12443
	GRADIENT	.03536	.00050	-.01712	.00632	.00085	.00125	.00110	.53036	.01232	.00157

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 632

OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(S7E1A2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2349/ 0 RN/L = 7.54 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.587	-4.500	28.94300	5.99010	-1.78740	6.86650	.10847	.06254	.05196	427.27000	12.75700	.11702
7.602	-4.300	28.95400	5.99020	-1.79070	6.86290	.10845	.06258	.05199	427.08000	12.75000	.11690
7.598	-4.100	28.96100	5.99030	-1.79330	6.87260	.10847	.06282	.05223	427.71000	12.76800	.11701
7.585	-3.900	28.96100	5.99040	-1.79590	6.87080	.10863	.06320	.05279	427.62000	12.76500	.11707
7.579	-3.700	28.96900	5.99050	-1.79910	6.86720	.10870	.06369	.05320	427.42000	12.75800	.11704
7.565	-3.500	28.97200	5.99050	-1.80220	6.85350	.10865	.06422	.05395	426.60000	12.73200	.11695
7.568	-3.300	28.98100	5.99060	-1.80540	6.85370	.10848	.06454	.05445	426.64000	12.73300	.11687
7.563	-3.100	28.98300	5.99070	-1.80830	6.83920	.10854	.06481	.05476*	425.76000	12.70600	.11701
7.558	-2.900	28.99000	5.99080	-1.81150	6.83750	.10849	.06496	.05522	425.68000	12.70300	.11687
7.534	-2.700	28.99900	5.99090	-1.81470	6.83520	.10850	.06526	.05579	425.57000	12.69900	.11687
7.525	-2.500	29.00600	5.99100	-1.81770	6.83400	.10847	.06542	.05627	425.51000	12.69600	.11685
7.525	-2.300	29.01300	5.99110	-1.82100	6.82980	.10830	.06535	.05667	425.28000	12.68800	.11682
7.540	-2.100	29.01700	5.99120	-1.82390	6.82660	.10818	.06512	.05707	425.11000	12.68200	.11678
7.532	-1.900	29.02600	5.99130	-1.82700	6.82500	.10817	.06506	.05768	425.04000	12.68000	.11681
7.530	-1.700	29.03200	5.99130	-1.83010	6.82290	.10824	.06502	.05816	424.93000	12.67600	.11694
7.531	-1.500	29.04100	5.99140	-1.83340	6.82550	.10820	.06502	.05863	425.12000	12.68000	.11710
7.544	-1.300	29.04500	5.99150	-1.83640	6.82220	.10833	.06526	.05918	424.94000	12.67400	.11736
7.554	-1.100	29.05600	5.99160	-1.83970	6.83230	.10840	.06550	.05943	425.60000	12.69300	.11755
7.533	-.900	29.06300	5.99170	-1.84290	6.83060	.10854	.06599	.05965	425.51000	12.69000	.11800
7.539	-.700	29.07400	5.99180	-1.84620	6.84940	.10874	.06668	.06019	426.71000	12.72500	.11827
7.547	-.500	29.08500	5.99190	-1.84960	6.86290	.10925	.06748	.06071	427.58000	12.75000	.11900
7.556	-.300	29.08700	5.99200	-1.85280	6.84790	.10953	.06803	.06111	426.67000	12.72200	.11937
7.557	-.100	29.09500	5.99210	-1.85620	6.85600	.10953	.06836	.06138	427.20000	12.73700	.11952
7.537	.100	29.10100	5.99220	-1.85970	6.85330	.10975	.06855	.06158	427.06000	12.73200	.11986
7.533	.300	29.10900	5.99220	-1.86310	6.85540	.10984	.06860	.06171	427.22000	12.73600	.12018
7.539	.500	29.11900	5.99230	-1.86670	6.86420	.11004	.06869	.06181	427.80000	12.75200	.12042
7.546	.700	29.12500	5.99240	-1.87000	6.87380	.11031	.06875	.06200	428.42000	12.77000	.12075
7.550	.900	29.13600	5.99250	-1.87380	6.87580	.11053	.06863	.06205	428.57000	12.77400	.12106
7.524	1.100	29.13600	5.99260	-1.87730	6.85250	.11061	.06837	.06203	427.15000	12.73100	.12113
7.517	1.300	29.14000	5.99270	-1.88080	6.83750	.11042	.06797	.06188	426.24000	12.70300	.12085
7.525	1.500	29.14800	5.99280	-1.88430	6.84940	.11040	.06753	.06160	427.01000	12.72500	.12088
7.524	1.700	29.15800	5.99290	-1.88820	6.84730	.11037	.06713	.06116	426.90000	12.72100	.12082
7.517	1.900	29.16300	5.99300	-1.89170	6.84520	.11058	.06674	.06061	426.80000	12.71700	.12094
7.540	2.100	29.17500	5.99310	-1.89550	6.86980	.11104	.06646	.06020	428.36000	12.76300	.12157
7.529	2.300	29.17900	5.99320	-1.89890	6.85820	.11120	.06618	.05968	427.66000	12.74100	.12171
7.522	2.500	29.18300	5.99320	-1.90250	6.84860	.11134	.06578	.05933	427.10000	12.72300	.12188
7.524	2.700	29.18900	5.99330	-1.90610	6.85180	.11160	.06543	.05886	427.32000	12.72900	.12216
7.524	2.900	29.19500	5.99340	-1.90990	6.85470	.11205	.06528	.05879	427.53000	12.73500	.12276
7.524	3.100	29.20400	5.99350	-1.91370	6.85440	.11228	.06489	.05852	427.54000	12.73400	.12311
7.522	3.300	29.20800	5.99360	-1.91740	6.85590	.11254	.06438	.05850	427.66000	12.73700	.12356
7.513	3.500	29.21000	5.99370	-1.92080	6.85070	.11306	.06392	.05862	427.37000	12.72700	.12411
7.519	3.700	29.21400	5.99380	-1.92390	6.84620	.11313	.06348	.05866	427.11000	12.71900	.12435
	GRADIENT	.03457	.00039	-.01713	.00376	.00073	.00113	.00107	.37286	.00671	.00141

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOA3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

BETA = .000 PHI = .000
 AILRON = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 359/ 0 RN/L = 7.48 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.386	-.169	.01938	6.00100	.00000	6.77770	.08396	.07764	.06681	424.95000	12.59100	.08315
7.651	-.019	.03887	5.98060	.00001	6.83450	.08385	.07724	.06659	422.51000	12.69800	.08316
7.396	.803	.02185	6.00030	.00005	6.77820	.08223	.07567	.06593	424.78000	12.59200	.08123
7.396	1.676	.02031	5.99990	.00008	6.76230	.08011	.07367	.06429	423.65000	12.56300	.07905
7.391	2.857	.01782	5.99920	.00016	6.76700	.07670	.06999	.06058	423.75000	12.57100	.07549
7.416	3.778	.01977	5.99890	.00021	6.78970	.07388	.06746	.05806	425.06000	12.61400	.07265
7.443	4.651	.01987	5.99830	.00017	6.80700	.07112	.06550	.05566	425.98000	12.64600	.07016
7.441	5.462	.02329	5.99780	.00015	6.81410	.06934	.06449	.05402	426.28000	12.65900	.06850
7.437	6.392	.02999	5.99730	.00021	6.80150	.06831	.06286	.05315	425.33000	12.63600	.06742
7.452	7.544	.03202	5.99670	.00011	6.80070	.06674	.06000	.05118	425.12000	12.63400	.06562
7.461	8.518	.03094	5.99600	.00029	6.81720	.06485	.05803	.04998	425.95000	12.66500	.06390
7.479	9.451	.02975	5.99540	.00051	6.80020	.06311	.05760	.04933	424.70000	12.63300	.06223
7.482	10.292	.03193	5.99470	.00017	6.81650	.06252	.05822	.04954	425.53000	12.66300	.06159
7.489	11.271	.03168	5.99390	.00023	6.81250	.06376	.05932	.05260	425.03000	12.65600	.06319
7.469	12.407	.03081	5.99340	.00044	6.79460	.06479	.06258	.05457	423.79000	12.62300	.06498
7.504	13.422	.03264	5.99300	.00006	6.82000	.06695	.06550	.05741	425.25000	12.67000	.06800
7.500	14.413	.03319	5.99260	-.00008	6.80010	.06874	.06701	.06025	423.87000	12.63300	.06965
7.513	15.461	.03287	5.99210	.00000	6.82850	.06950	.06759	.06047	425.50000	12.68600	.07030
7.589	16.804	.03229	5.99150	.00017	6.84510	.06982	.06670	.06069	426.36000	12.71700	.07081
7.550	17.761	.03313	5.99120	-.00007	6.85130	.07037	.06513	.05938	426.64000	12.72800	.07163
7.520	18.572	.03265	5.99080	.00008	6.83720	.07069	.06329	.05785	425.66000	12.70200	.07235
7.499	19.509	.03421	5.99040	-.00011	6.82910	.07172	.06264	.05676	425.03000	12.68700	.07394
7.483	20.620	.03605	5.99000	-.00006	6.82680	.07502	.06418	.05840	424.78000	12.68300	.07759
7.466	21.825	.03745	5.98960	-.00022	6.82120	.07827	.06593	.05949	424.32000	12.67300	.08161
7.484	22.718	.03582	5.98930	-.00038	6.82570	.08043	.06593	.05872	424.50000	12.68100	.08432
7.482	23.650	.03688	5.98890	-.00042	6.82940	.08146	.06479	.05730	424.62000	12.68800	.08571
7.485	24.382	.04301	5.98850	-.00050	6.80860	.08288	.06467	.05610	423.20000	12.64900	.08705
	GRADIENT	.00837	-.00054	-.00011	-.02842	.00194	-.00017	-.00164	-.1.94019	-.05328	.00183

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOA4) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 AILRON = .000 YP = .000
 TS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 358/0 RN/L = 7.56 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.499	2.956	-.03810	6.000180	.00028	6.80200	.07837	.07069	.06386	426.69000	12.63600	.07618
7.475	3.240	-.03969	6.00080	.00034	6.79510	.07686	.06931	.06244	425.98000	12.62400	.07470
7.477	4.071	-.03810	6.000040	.00038	6.79650	.07345	.06602	.05960	425.95000	12.62600	.07132
7.466	4.920	-.03975	6.000000	.00051	6.79050	.07069	.06442	.05697	425.45000	12.61500	.06876
7.460	5.656	-.03985	5.99970	.00049	6.77880	.06928	.06332	.05599	424.62000	12.59300	.06748
7.456	6.750	-.04007	5.99920	.00061	6.77550	.06831	.06135	.05457	424.28000	12.58700	.06646
7.479	7.762	-.03900	5.99880	.00055	6.78870	.06701	.05917	.05348	424.98000	12.61200	.06497
7.497	8.762	-.03908	5.99830	.00064	6.80700	.06538	.05801	.05271	426.00000	12.64600	.06359
7.475	9.484	-.04040	5.99760	.00074	6.79530	.06393	.05760	.05282	425.03000	12.62400	.06211
7.531	10.277	-.03921	5.99690	.00059	6.83350	.06371	.05849	.05369	427.22000	12.69500	.06197
7.533	11.384	-.03924	5.99630	.00066	6.84240	.06539	.06018	.05566	427.61000	12.71200	.06402
7.611	12.517	-.03918	5.99580	.00093	6.90350	.06696	.06399	.05840	431.26000	12.82500	.06626
7.643	13.521	-.03912	5.99530	.00076	6.91360	.06939	.06713	.06233	431.76000	12.84400	.06953
7.564	14.271	-.03691	5.99460	.00074	6.88670	.07096	.06832	.06418	429.88000	12.79400	.07099
7.516	14.641	-.00572	5.97720	.00069	6.86210	.06620	.06356	.05927	423.20000	12.74900	.06678
7.564	15.598	-.03865	5.99380	.00102	6.87040	.07102	.06823	.06408	428.60000	12.76400	.07093
7.558	16.559	-.03703	5.99320	.00090	6.88250	.07107	.06707	.06309	429.19000	12.78600	.07087
7.597	17.651	-.03819	5.99250	.00071	6.90140	.07128	.06538	.06233	430.15000	12.82100	.07152
7.593	18.602	-.03535	5.99190	.00015	6.89130	.07226	.06473	.06146	429.35000	12.80300	.07292
7.647	19.387	-.03761	5.99140	.00059	6.92410	.07372	.06535	.06156	431.26000	12.86400	.07484
7.692	20.520	-.03738	5.99090	.00054	6.96660	.07659	.06615	.06244	433.75000	12.94300	.07842
7.626	21.700	-.03563	5.99030	.00067	6.91630	.07929	.06615	.06266	430.43000	12.84900	.08168
7.633	22.598	-.03554	5.98980	.00066	6.90860	.08135	.06660	.06320	429.80000	12.83500	.08397
7.650	23.570	-.03563	5.98920	.00114	6.95200	.08650	.06854	.06353	432.34000	12.91600	.08968
7.663	24.373	-.03763	5.98870	.00075	6.96600	.09002	.06961	.06429	433.04000	12.94200	.09363
7.648	25.262	-.02985	5.98820	.00043	6.95050	.09408	.06971	.06528	431.93000	12.91300	.09869
7.628	26.271	-.02986	5.98760	.00045	6.93470	.09922	.06977	.06484	430.76000	12.88300	.10477
7.620	27.201	-.02649	5.98710	-.00020	6.92900	.10376	.06940	.06419	430.27000	12.87300	.10970
7.589	28.193	-.02466	5.98660	.00038	6.91540	.10945	.06897	.06452	429.27000	12.84800	.11565
7.568	28.987	-.02034	5.98590	.00073	6.90040	.11481	.06968	.06485	428.16000	12.82000	.12129
7.530	30.121	-.02048	5.98530	.00139	6.87320	.12254	.07088	.06626	426.28000	12.76900	.13068
7.573	31.133	-.02085	5.98480	.00109	6.86770	.12849	.07186	.06856	425.78000	12.75900	.13906
7.575	32.209	-.02128	5.98420	.00138	6.90640	.13640	.07340	.06899	428.02000	12.83100	.14974
7.616	33.141	-.02085	5.98370	.00178	6.92890	.14419	.07413	.06965	429.27000	12.87300	.15966
7.564	33.982	-.02144	5.98300	.00158	6.89620	.15106	.07481	.07052	427.03000	12.81200	.16752
7.593	35.034	-.02022	5.98250	.00214	6.94050	.16324	.07592	.07096	429.60000	12.89400	.18153
7.594	36.074	-.01465	5.98190	.00250	6.92710	.17525	.07727	.07238	428.60000	12.86900	.19535
7.550	37.203	-.01297	5.98130	.00282	6.92320	.18688	.08065	.07490	428.19000	12.86200	.20917
7.516	38.104	-.01235	5.98080	.00318	6.89740	.19619	.08212	.07719	426.44000	12.81400	.21889
7.498	38.828	-.01470	5.98020	.00427	6.87600	.20020	.08157	.07610	424.95000	12.77500	.22055
	GRADIENT	-.00249	-.00062	-.00048	.01743	.00438	.00133	.00095	.87236	.03237	.00492

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOA5) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

BETA	=	.500	PHI	=	.000
AILRON	=	.000	YP	=	.000
1S	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	1.000
S-DIR	=	2.000			

RUN NO. 360/ O RN/L = 7.50 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102 LESS DMS & V.T.

(S7EOA6) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .500 PHI = .000
 AILRON = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 361/ 0 RN/L = 7.41 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.384	-.189	.46297	6.00000	-.00000	6.74660	.08391	.07555	.06714	422.71000	12.53400	.08322
7.436	-.059	.46002	6.00230	-.00003	6.79730	.08412	.07570	.06703	426.56000	12.62800	.08333
7.617	-.039	.53412	5.98190	-.00004	6.79410	.08466	.07585	.06648	420.38000	12.62300	.08398
7.435	1.182	.46261	6.00320	-.00029	6.78850	.08282	.07426	.06506	426.28000	12.61100	.08187
7.433	2.302	.46143	6.00400	-.00056	6.78400	.08027	.07213	.06233	426.23000	12.60300	.07911
7.429	3.454	.46135	6.00490	-.00081	6.78210	.07702	.07032	.05982	426.36000	12.59900	.07637
7.421	4.709	.46097	6.00580	-.00106	6.77190	.07264	.06636	.05643	425.98000	12.58000	.07201
7.415	5.996	.46304	6.00670	-.00144	6.75170	.06923	.06378	.05315	424.98000	12.54300	.06901
7.427	7.209	.46170	6.00750	-.00169	6.75600	.06766	.06169	.05129	425.48000	12.55100	.06753
7.411	8.189	.46175	6.00820	-.00192	6.74780	.06549	.05991	.04954	425.17000	12.53500	.06595
7.422	9.672	.46077	6.00920	-.00210	6.74600	.06344	.05902	.05042	425.36000	12.53200	.06454
7.400	10.854	.46336	6.01000	-.00246	6.73930	.06311	.06022	.05173	425.17000	12.52000	.06455
7.401	12.155	.46381	6.01080	-.00285	6.73340	.06398	.06215	.05348	425.03000	12.50800	.06575
7.386	13.415	.46172	6.01160	-.00313	6.71160	.06496	.06500	.05632	423.90000	12.46800	.06868
7.385	14.685	.46321	6.01250	-.00355	6.71540	.06744	.06617	.05828	424.40000	12.47500	.07067
7.369	15.708	.46354	6.01350	-.00362	6.69180	.06777	.06608	.05894	423.20000	12.43100	.07106
7.385	16.688	.46382	6.01450	-.00394	6.69900	.06890	.06639	.05927	423.95000	12.44500	.07183
7.381	18.147	.46300	6.01550	-.00435	6.69320	.06955	.06584	.05807	423.87000	12.43400	.07266
7.388	19.104	.46910	6.01650	-.00462	6.69400	.06982	.06565	.05796	424.20000	12.43500	.07413
7.395	20.624	.46991	6.01770	-.00530	6.72010	.07302	.06703	.05949	426.23000	12.48300	.07809
7.396	22.013	.47193	6.01880	-.00607	6.71090	.07453	.06688	.05894	425.95000	12.46600	.08047
7.385	23.063	.47431	6.01970	-.00614	6.70300	.07589	.06636	.05806	425.73000	12.45200	.08192
7.401	24.320	.47417	6.02070	-.00602	6.70850	.07837	.06701	.05785	426.36000	12.46200	.08565
7.386	25.481	.47486	6.02160	-.00665	6.68790	.08059	.06715	.05806	425.31000	12.42400	.08902
7.395	26.764	.47502	6.02250	-.00709	6.69250	.08331	.06707	.05752	425.86000	12.43200	.09275
7.382	27.985	.47496	6.02350	-.00743	6.66830	.08813	.06774	.05785	424.62000	12.38700	.09831
7.415	29.297	.47367	6.02460	-.00715	6.66970	.09548	.07100	.06080	425.03000	12.39000	.10701
7.412	30.607	.47231	6.02560	-.00731	6.66220	.10155	.07340	.06364	424.87000	12.37600	.11603
7.418	31.875	.47069	6.02710	-.00731	6.64550	.10522	.07631	.06626	424.23000	12.34500	.12299
7.397	32.931	.47221	6.02800	-.00732	6.62800	.11129	.07794	.06845	423.37000	12.31200	.13081
7.423	34.076	.47191	6.02900	-.00744	6.63500	.11902	.07942	.07042	424.12000	12.32500	.13970
7.396	35.524	.48172	6.03030	-.00772	6.62600	.12839	.08173	.07250	423.92000	12.30800	.15040
7.391	36.538	.47961	6.03130	-.00724	6.61980	.13520	.08424	.07533	423.82000	12.29700	.15816
7.382	37.821	.48664	6.03230	-.00761	6.61120	.14527	.08857	.08014	423.54000	12.28100	.17034
7.374	39.004	.48927	6.03330	-.00689	6.61150	.15902	.09343	.08386	423.87000	12.28100	.18927
GRADIENT	-.00011	.00080	.00010	.00437	.00198	.00052	-.00017	.50125	.00795	.00296	

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS DMS & V.T.

(S7EOA7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 352/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.552	-4.350	14.47800	5.97890	-.93824	6.89920	.06372	.06351	.05220	426.01000	12.81800	.06551
7.522	-4.200	14.48600	5.97910	-.93970	6.89130	.06375	.06361	.05221	425.58000	12.80300	.06564
7.518	-4.000	14.48400	5.97930	-.94101	6.89780	.06391	.06373	.05239	426.02000	12.81500	.06578
7.514	-3.800	14.48600	5.97940	-.94258	6.89700	.06411	.06385	.05251	426.01000	12.81400	.06604
7.521	-3.600	14.48900	5.97950	-.94409	6.90040	.06432	.06404	.05254	426.26000	12.82000	.06628
7.534	-3.400	14.49100	5.97970	-.94563	6.90350	.06455	.06423	.05271	426.49000	12.82600	.06655
7.535	-3.200	14.49600	5.97980	-.94736	6.90300	.06473	.06437	.05276	426.50000	12.82500	.06675
7.540	-3.000	14.49900	5.97990	-.94901	6.90400	.06485	.06446	.05290	426.60000	12.82700	.06695
7.534	-2.800	14.50100	5.98010	-.95070	6.89340	.06502	.06461	.05296	425.98000	12.80700	.06711
7.546	-2.600	14.50800	5.98020	-.95256	6.90800	.06542	.06500	.05334	426.93000	12.83400	.06759
7.550	-2.400	14.51100	5.98030	-.95416	6.90100	.06596	.06552	.05361	426.53000	12.82100	.06816
7.520	-2.200	14.51100	5.98050	-.95586	6.88490	.06652	.06612	.05401	425.58000	12.79100	.06876
7.532	-2.000	14.51600	5.98060	-.95758	6.88940	.06708	.06679	.05456	425.90000	12.80000	.06939
7.536	-1.800	14.52000	5.98070	-.95948	6.88410	.06781	.06748	.05514	425.61000	12.79000	.07009
7.571	-1.600	14.52300	5.98090	-.96123	6.88280	.06840	.06810	.05567	425.56000	12.78700	.07077
7.547	-1.400	14.52800	5.98100	-.96310	6.87070	.06893	.06855	.05626	424.86000	12.76500	.07130
7.538	-1.200	14.52900	5.98110	-.96461	6.87430	.06936	.06889	.05686	425.12000	12.77200	.07172
7.524	-1.000	14.53400	5.98130	-.96650	6.87150	.06973	.06907	.05733	424.99000	12.76600	.07206
7.527	-.800	14.53800	5.98140	-.96829	6.87370	.06973	.06888	.05725	425.17000	12.77000	.07207
7.522	-.600	14.54100	5.98160	-.97010	6.87200	.06940	.06854	.05693	425.10000	12.76700	.07183
7.530	-.400	14.54500	5.98170	-.97172	6.87910	.06907	.06804	.05654	425.58000	12.78000	.07143
7.532	-.200	14.54900	5.98180	-.97378	6.88140	.06875	.06770	.05624	425.76000	12.78500	.07108
7.535	0.000	14.55400	5.98200	-.97563	6.87960	.06846	.06736	.05609	425.69000	12.78100	.07079
7.526	0.200	14.55600	5.98210	-.97744	6.87430	.06808	.06706	.05605	425.41000	12.77200	.07041
7.522	0.400	14.55800	5.98220	-.97925	6.86560	.06770	.06675	.05587	424.91000	12.75500	.06991
7.546	0.600	14.56400	5.98240	-.98105	6.89110	.06742	.06649	.05578	426.52000	12.80300	.06959
7.536	0.800	14.56900	5.98250	-.98311	6.88340	.06727	.06636	.05594	426.09000	12.78800	.06948
7.536	1.000	14.57000	5.98270	-.98472	6.88240	.06713	.06604	.05588	426.07000	12.78700	.06932
7.544	1.200	14.57500	5.98280	-.98670	6.88960	.06695	.06567	.05594	426.55000	12.80000	.06910
7.522	1.400	14.57900	5.98290	-.98870	6.87590	.06672	.06527	.05570	425.75000	12.77400	.06890
7.530	1.600	14.58300	5.98310	-.99049	6.88040	.06642	.06493	.05551	426.06000	12.78300	.06858
7.539	1.800	14.58500	5.98320	-.99249	6.88020	.06618	.06454	.05526	426.09000	12.78200	.06833
7.532	2.000	14.58700	5.98330	-.99435	6.87400	.06586	.06426	.05509	425.75000	12.77100	.06801
7.515	2.200	14.59100	5.98350	-.99640	6.86380	.06546	.06378	.05469	425.16000	12.75200	.06755
7.500	2.400	14.59500	5.98360	-.99852	6.85220	.06503	.06330	.05436	424.48000	12.73000	.06703
7.501	2.600	14.59700	5.98380	-.00030	6.85550	.06468	.06293	.05402	424.72000	12.73600	.06665
7.485	2.800	14.60200	5.98390	-.00260	6.84690	.06435	.06256	.05384	424.23000	12.72000	.06636
7.477	3.000	14.60600	5.98400	-.00450	6.83920	.06402	.06198	.05339	423.79000	12.70600	.06590
7.481	3.200	14.60600	5.98420	-.00630	6.84430	.06372	.06148	.05311	424.15000	12.71600	.06559
7.477	3.400	14.61400	5.98430	-.00850	6.83470	.06358	.06113	.05280	423.60000	12.69800	.06544
7.478	3.600	14.61700	5.98450	-.01100	6.83670	.06351	.06086	.05243	423.77000	12.70100	.06528
7.487	3.800	14.62000	5.98460	-.01270	6.84640	.06371	.06126	.05270	424.41000	12.72000	.06543

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS DMS & V.T.

(S7EOA7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 352/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.477	4.000	14.62400	5.98470	-1.01490	6.84500	.06424	.06216	.05328	424.36000	12.71700	.06600
7.485	4.146	14.62100	5.98490	-1.01590	6.85340	.06474	.06288	.05365	424.92000	12.73300	.06657
	GRADIENT	.01821	.00066	-.00921	.00414	-.00167	-.00167	-.00088	.45893	.00804	-.00186

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7E1A7) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2352/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.539	-4.300	14.48200	5.97910	-.93865	6.89820	.06371	.06356	.05214	425.98000	12.81600	.06556
7.514	-4.100	14.48400	5.97920	-.94036	6.89090	.06382	.06368	.05224	425.57000	12.80200	.06568
7.509	-3.900	14.48500	5.97930	-.94182	6.89150	.06402	.06378	.05242	425.65000	12.80300	.06589
7.521	-3.700	14.48900	5.97950	-.94337	6.90070	.06419	.06393	.05237	426.26000	12.82100	.06616
7.530	-3.500	14.49000	5.97960	-.94493	6.90280	.06442	.06415	.05264	426.42000	12.82400	.06640
7.535	-3.300	14.49100	5.97970	-.94639	6.90200	.06466	.06430	.05275	426.42000	12.82300	.06666
7.540	-3.100	14.49600	5.97990	-.94813	6.90700	.06478	.06440	.05286	426.77000	12.83200	.06686
7.536	-2.900	14.50000	5.98000	-.94986	6.89700	.06494	.06454	.05295	426.19000	12.81400	.06701
7.533	-2.700	14.50200	5.98010	-.95156	6.89470	.06521	.06476	.05314	426.08000	12.80900	.06731
7.553	-2.500	14.50900	5.98030	-.95327	6.90750	.06571	.06528	.05339	426.92000	12.83300	.06788
7.533	-2.300	14.51100	5.98040	-.95511	6.89210	.06622	.06581	.05397	426.01000	12.80500	.06845
7.520	-2.100	14.51300	5.98050	-.95673	6.88310	.06681	.06644	.05426	425.48000	12.78800	.06907
7.531	-1.900	14.51900	5.98070	-.95858	6.88730	.06751	.06709	.05469	425.78000	12.79600	.06976
7.562	-1.700	14.52200	5.98080	-.96032	6.88780	.06808	.06780	.05542	425.86000	12.79700	.07043
7.560	-1.500	14.52600	5.98090	-.96221	6.87430	.06869	.06835	.05600	425.06000	12.77200	.07107
7.542	-1.300	14.52700	5.98110	-.96376	6.87270	.06913	.06868	.05655	425.00000	12.76800	.07153
7.528	-1.100	14.53100	5.98120	-.96554	6.87180	.06957	.06905	.05715	424.99000	12.76700	.07194
7.525	-.900	14.53500	5.98140	-.96737	6.87280	.06973	.06900	.05726	425.09000	12.76900	.07210
7.525	-.700	14.53800	5.98150	-.96907	6.87300	.06958	.06871	.05699	425.14000	12.76900	.07201
7.525	-.500	14.54400	5.98160	-.97095	6.87430	.06923	.06826	.05672	425.26000	12.77100	.07165
7.532	-.300	14.54800	5.98180	-.97287	6.88210	.06888	.06789	.05632	425.78000	12.78600	.07128
7.533	-.100	14.55200	5.98190	-.97470	6.87820	.06859	.06752	.05619	425.58000	12.77900	.07093
7.532	.100	14.55400	5.98200	-.97650	6.87920	.06829	.06720	.05605	425.68000	12.78000	.07061
7.524	.300	14.55800	5.98220	-.97837	6.86970	.06794	.06686	.05591	425.14000	12.76300	.07017
7.529	.500	14.56100	5.98230	-.98016	6.87240	.06750	.06663	.05580	425.34000	12.76800	.06973
7.542	.700	14.56600	5.98240	-.98204	6.89130	.06735	.06643	.05586	426.56000	12.80300	.06953
7.540	.900	14.57100	5.98260	-.98402	6.88620	.06720	.06621	.05590	426.28000	12.79300	.06937
7.545	1.100	14.57400	5.98270	-.98581	6.88720	.06704	.06587	.05592	426.38000	12.79500	.06923
7.529	1.300	14.57700	5.98290	-.98769	6.88300	.06684	.06550	.05585	426.16000	12.78800	.06899
7.522	1.500	14.57900	5.98300	-.98953	6.87390	.06659	.06509	.05557	425.64000	12.77100	.06877
7.538	1.700	14.58200	5.98310	-.99140	6.88640	.06628	.06477	.05539	426.45000	12.79400	.06847
7.535	1.900	14.58900	5.98330	-.99363	6.87650	.06603	.06443	.05521	425.88000	12.77500	.06818
7.527	2.100	14.58900	5.98340	-.99530	6.87240	.06568	.06402	.05500	425.67000	12.76800	.06777
7.499	2.300	14.59200	5.98350	-.99744	6.85260	.06524	.06360	.05461	424.49000	12.73100	.06730
7.507	2.500	14.59700	5.98370	-.99939	6.85920	.06481	.06311	.05422	424.93000	12.74300	.06684
7.493	2.700	14.59900	5.98380	-.999140	6.85170	.06453	.06273	.05405	424.51000	12.72900	.06650
7.477	2.900	14.60400	5.98400	-.999350	6.83880	.06421	.06227	.05357	423.75000	12.70500	.06615
7.480	3.100	14.60800	5.98410	-.999550	6.84340	.06382	.06168	.05323	424.08000	12.71400	.06572
7.472	3.300	14.61200	5.98420	-.999750	6.83610	.06364	.06133	.05297	423.66000	12.70000	.06556
7.480	3.500	14.61400	5.98440	-.999940	6.83780	.06350	.06096	.05268	423.81000	12.70400	.06531
7.475	3.700	14.61700	5.98450	-.9991150	6.83360	.06357	.06092	.05254	423.59000	12.69600	.06528
7.487	3.900	14.62200	5.98470	-.9991380	6.85160	.06395	.06171	.05301	424.75000	12.72900	.06568

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0A257 (LARC 20-M6-6559) OV102 LESS DMS & V.T.

(S7E1A7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2352/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.476	4.100	14.62300	5.98480	-1.01580	6.84300	.06451	.06260	.05352	424.26000	12.71300	.06632
	GRADIENT	.01671	.00069	-.00919	-.00653	-.00168	-.00165	-.00085	-.20286	-.01186	-.00189

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOAB) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 353/ 0 RN/L = 7.51 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.542	-4.431	19.28300	5.97720	-1.22790	6.86010	.06797	.06240	.05198	423.09000	12.74500	.07057
7.547	-4.300	19.29300	5.97740	-1.22930	6.87010	.06802	.06238	.05202	423.75000	12.76400	.07060
7.536	-4.100	19.29100	5.97750	-1.23110	6.86270	.06815	.06252	.05211	423.34000	12.75000	.07076
7.535	-3.900	19.29100	5.97770	-1.23310	6.85970	.06829	.06274	.05220	423.19000	12.74400	.07089
7.543	-3.700	19.29200	5.97780	-1.23490	6.86760	.06839	.06304	.05225	423.72000	12.75900	.07103
7.532	-3.500	19.29700	5.97790	-1.23700	6.86440	.06841	.06336	.05225	423.57000	12.75300	.07111
7.532	-3.300	19.30200	5.97810	-1.23940	6.86680	.06839	.06378	.05228	423.76000	12.75800	.07107
7.536	-3.100	19.30500	5.97820	-1.24140	6.86280	.06834	.06418	.05215	423.56000	12.75000	.07111
7.523	-2.900	19.30900	5.97840	-1.24360	6.85340	.06834	.06450	.05225	423.02000	12.73300	.07129
7.512	-2.700	19.31300	5.97850	-1.24590	6.85120	.06840	.06458	.05228	422.93000	12.72900	.07150
7.530	-2.500	19.32100	5.97870	-1.24820	6.86580	.06870	.06474	.05232	423.87000	12.75600	.07186
7.556	-2.300	19.32800	5.97880	-1.25050	6.87660	.06909	.06497	.05252	424.58000	12.77600	.07236
7.556	-2.100	19.33400	5.97900	-1.25280	6.87180	.06955	.06518	.05281	424.33000	12.76700	.07295
7.552	-1.900	19.33700	5.97910	-1.25500	6.87110	.06997	.06535	.05298	424.32000	12.76600	.07339
7.526	-1.700	19.33900	5.97930	-1.25710	6.86480	.07045	.06549	.05312	423.98000	12.75400	.07387
7.521	-1.500	19.34600	5.97940	-1.25970	6.85700	.07080	.06558	.05341	423.54000	12.73900	.07421
7.527	-1.300	19.35300	5.97950	-1.26190	6.87370	.07107	.06549	.05353	424.61000	12.77100	.07440
7.487	-1.100	19.35700	5.97970	-1.26440	6.85460	.07126	.06550	.05376	423.47000	12.73500	.07463
7.505	-.900	19.36000	5.97980	-1.26670	6.85730	.07154	.06564	.05401	423.68000	12.74000	.07482
7.498	-.700	19.36500	5.98000	-1.26890	6.85630	.07185	.06593	.05432	423.67000	12.73800	.07517
7.502	-.500	19.37200	5.98010	-1.27150	6.85890	.07215	.06621	.05460	423.88000	12.74300	.07543
7.481	-.300	19.37600	5.98030	-1.27370	6.85640	.07230	.06641	.05486	423.76000	12.73800	.07555
7.468	-.100	19.37900	5.98040	-1.27630	6.85100	.07230	.06660	.05487	423.47000	12.72800	.07553
7.470	.100	19.38700	5.98060	-1.27870	6.85560	.07226	.06672	.05498	423.80000	12.73700	.07548
7.467	.300	19.39000	5.98070	-1.28110	6.85540	.07219	.06682	.05494	423.83000	12.73600	.07543
7.478	.500	19.39300	5.98090	-1.28330	6.86120	.07216	.06683	.05495	424.23000	12.74700	.07536
7.484	.700	19.40100	5.98100	-1.28620	6.85760	.07214	.06692	.05509	424.06000	12.74100	.07535
7.485	.900	19.40700	5.98120	-1.28860	6.86150	.07213	.06706	.05523	424.34000	12.74800	.07539
7.479	1.100	19.41200	5.98130	-1.29130	6.85840	.07210	.06722	.05550	424.19000	12.74200	.07529
7.491	1.300	19.41700	5.98150	-1.29360	6.86540	.07212	.06755	.05573	424.67000	12.75500	.07533
7.490	1.500	19.42200	5.98160	-1.29630	6.86640	.07215	.06783	.05597	424.77000	12.75700	.07545
7.489	1.700	19.42600	5.98180	-1.29870	6.86270	.07221	.06811	.05627	424.59000	12.75000	.07552
7.489	1.900	19.43100	5.98190	-1.30130	6.85940	.07226	.06846	.05654	424.43000	12.74400	.07568
7.505	2.100	19.43800	5.98210	-1.30400	6.85650	.07231	.06878	.05665	424.29000	12.73800	.07577
7.511	2.300	19.44100	5.98220	-1.30650	6.85090	.07230	.06884	.05680	423.99000	12.72800	.07577
7.515	2.500	19.44600	5.98240	-1.30900	6.85310	.07216	.06862	.05683	424.17000	12.73200	.07568
7.519	2.700	19.45400	5.98250	-1.31180	6.86640	.07211	.06840	.05684	425.04000	12.75700	.07560
7.504	2.900	19.45500	5.98270	-1.31420	6.85480	.07197	.06806	.05692	424.37000	12.73500	.07547
7.515	3.100	19.46000	5.98280	-1.31700	6.86040	.07165	.06746	.05671	424.76000	12.74600	.07514
7.522	3.300	19.46600	5.98300	-1.31960	6.86380	.07138	.06694	.05666	425.01000	12.75200	.07481
7.515	3.500	19.47000	5.98310	-1.32240	6.84800	.07110	.06652	.05663	424.08000	12.72300	.07450
7.521	3.608	19.47300	5.98320	-1.32380	6.85390	.07097	.06639	.05662	424.46000	12.73300	.07433
	GRADIENT	.02214	.00077	-.01194	.00187	-.00004	.00063	.00030	.32715	.00329	-.00011

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7E1A8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2353/ O RN/L = 7.51 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.539	-4.400	19.28100	5.97730	-1.22800	6.85940	.06798	.06237	.05198	423.07000	12.74400	.07054
7.541	-4.200	19.29000	5.97740	-1.23010	6.86590	.06806	.06242	.05199	423.51000	12.75600	.07066
7.534	-4.000	19.28700	5.97760	-1.23190	6.85930	.06822	.06262	.05212	423.15000	12.74400	.07081
7.540	-3.800	19.29000	5.97770	-1.23390	6.86370	.06833	.06287	.05223	423.46000	12.75200	.07098
7.541	-3.600	19.29500	5.97790	-1.23590	6.87000	.06840	.06318	.05224	423.89000	12.76400	.07105
7.538	-3.400	19.30000	5.97800	-1.23810	6.87170	.06841	.06358	.05223	424.04000	12.76700	.07108
7.533	-3.200	19.30500	5.97820	-1.24040	6.86620	.06837	.06401	.05224	423.75000	12.75700	.07107
7.528	-3.000	19.30900	5.97830	-1.24270	6.85450	.06835	.06434	.05221	423.07000	12.73500	.07120
7.518	-2.800	19.31300	5.97850	-1.24480	6.85300	.06837	.06452	.05224	423.02000	12.73200	.07136
7.525	-2.600	19.31800	5.97860	-1.24690	6.86480	.06851	.06465	.05229	423.79000	12.75400	.07165
7.542	-2.400	19.32300	5.97880	-1.24920	6.86820	.06890	.06486	.05241	424.04000	12.76000	.07207
7.573	-2.200	19.32900	5.97890	-1.25140	6.88300	.06932	.06507	.05262	425.00000	12.78800	.07271
7.554	-2.000	19.33400	5.97900	-1.25380	6.87190	.06975	.06529	.05288	424.35000	12.76700	.07317
7.541	-1.800	19.33700	5.97920	-1.25600	6.86860	.07020	.06543	.05306	424.19000	12.76100	.07362
7.522	-1.600	19.34300	5.97930	-1.25850	6.86660	.07066	.06552	.05332	424.11000	12.75700	.07402
7.523	-1.400	19.34700	5.97950	-1.26070	6.85760	.07097	.06552	.05349	423.60000	12.74100	.07428
7.508	-1.200	19.35600	5.97960	-1.26320	6.86980	.07115	.06552	.05370	424.40000	12.76300	.07454
7.497	-1.000	19.35800	5.97980	-1.26540	6.85560	.07140	.06553	.05391	423.56000	12.73700	.07469
7.499	-.800	19.36400	5.97990	-1.26780	6.85910	.07168	.06576	.05417	423.82000	12.74300	.07498
7.504	-.600	19.36700	5.98010	-1.27010	6.85440	.07205	.06613	.05451	423.57000	12.73500	.07533
7.494	-.400	19.37600	5.98020	-1.27280	6.86070	.07227	.06633	.05478	424.01000	12.74600	.07553
7.476	-.200	19.37800	5.98040	-1.27490	6.85590	.07230	.06649	.05488	423.76000	12.73700	.07557
7.462	.000	19.38200	5.98050	-1.27760	6.84640	.07227	.06660	.05487	423.21000	12.72000	.07554
7.473	.200	19.39000	5.98070	-1.28000	6.86000	.07221	.06678	.05494	424.09000	12.74500	.07546
7.473	.400	19.39200	5.98080	-1.28220	6.85870	.07217	.06682	.05491	424.06000	12.74200	.07538
7.485	.600	19.39900	5.98100	-1.28480	6.86180	.07214	.06684	.05490	424.29000	12.74800	.07540
7.488	.800	19.40300	5.98110	-1.28710	6.86200	.07213	.06698	.05515	424.35000	12.74900	.07537
7.481	1.000	19.41000	5.98130	-1.29010	6.85970	.07211	.06715	.05535	424.25000	12.74400	.07535
7.484	1.200	19.41300	5.98140	-1.29230	6.86050	.07210	.06739	.05555	424.34000	12.74600	.07533
7.488	1.400	19.41700	5.98160	-1.29480	6.86380	.07214	.06766	.05583	424.59000	12.75200	.07535
7.486	1.600	19.42400	5.98170	-1.29760	6.86170	.07217	.06801	.05612	424.51000	12.74800	.07548
7.486	1.800	19.43000	5.98190	-1.30010	6.85820	.07222	.06828	.05644	424.33000	12.74200	.07560
7.496	2.000	19.43300	5.98200	-1.30250	6.86090	.07230	.06859	.05664	424.54000	12.74600	.07572
7.520	2.200	19.43800	5.98220	-1.30510	6.86000	.07234	.06882	.05669	424.53000	12.74500	.07577
7.512	2.400	19.44300	5.98230	-1.30770	6.84810	.07223	.06877	.05690	423.84000	12.72300	.07571
7.506	2.600	19.44900	5.98250	-1.31040	6.85190	.07214	.06851	.05679	424.12000	12.73000	.07558
7.516	2.800	19.45300	5.98260	-1.31290	6.86680	.07210	.06826	.05689	425.09000	12.75700	.07556
7.509	3.000	19.45800	5.98280	-1.31560	6.85480	.07183	.06778	.05688	424.39000	12.73500	.07532
7.518	3.200	19.46200	5.98290	-1.31840	6.86090	.07152	.06719	.05674	424.81000	12.74700	.07499
7.517	3.400	19.46800	5.98310	-1.32100	6.85430	.07123	.06673	.05664	424.44000	12.73400	.07464
7.521	3.600	19.47300	5.98320	-1.32370	6.85330	.07098	.06640	.05662	424.42000	12.73200	.07435
	GRADIENT	.02500	.00075	-.01214	.00398	-.00000	.00061	.00027	.46250	.00696	-.00004

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 643

0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOA9) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA	=	20.000	PHI	=	.000
AIRLON	=	.000	YP	=	1.000
1S	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	1.000			

RUN NO. 379/ O RN/L = 2.32 GRADIENT INTERVAL = - 60/ 60

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOB1) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

ALPHA	=	20.000	PHI	=	.000
AILRON	=	.000	YP	=	1.000
1S	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	2.000			

PARAMETRIC DATA

RUN NO. 1379 / O RN/L = 2.30 GRADIENT INTERVAL = .60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.300	-2.230	19.74200	5.97310	-1.32910	2.45600	.02289	.02429	.02159	151.05000	4.56310	.02650
2.291	-2.064	19.74200	5.97280	-1.32920	2.45520	.02278	.02417	.02148	150.96000	4.56150	.02631
2.301	-1.901	19.74400	5.97260	-1.32990	2.45540	.02268	.02414	.02137	150.95000	4.56200	.02624
2.290	-1.734	19.75400	5.97230	-1.33080	2.45730	.02262	.02402	.02137	151.03000	4.56540	.02618
2.283	-1.553	19.75900	5.97200	-1.33130	2.45810	.02267	.02398	.02126	151.05000	4.56690	.02618
2.293	-1.341	19.76300	5.97160	-1.33240	2.46000	.02273	.02417	.02137	151.13000	4.57050	.02631
2.300	-1.145	19.77500	5.97130	-1.33340	2.46290	.02289	.02445	.02159	151.28000	4.57590	.02650
2.295	-.928	19.77400	5.97100	-1.33380	2.46480	.02311	.02475	.02192	151.36000	4.57950	.02682
2.300	-.733	19.77800	5.97060	-1.33480	2.46410	.02327	.02494	.02224	151.28000	4.57810	.02707
2.286	-.532	19.78900	5.97030	-1.33610	2.46490	.02327	.02497	.02246	151.30000	4.57960	.02727
2.296	-.338	19.79300	5.97000	-1.33700	2.46350	.02323	.02497	.02268	151.18000	4.57710	.02745
2.304	-.156	19.79800	5.96960	-1.33750	2.46610	.02300	.02454	.02257	151.30000	4.58180	.02727
2.304	.018	19.80200	5.96930	-1.33850	2.46550	.02266	.02401	.02235	151.23000	4.58080	.02695
2.297	.209	19.80700	5.96900	-1.33930	2.46290	.02230	.02365	.02181	151.03000	4.57580	.02656
2.299	.393	19.80500	5.96860	-1.33980	2.46320	.02204	.02313	.02094	151.01000	4.57650	.02604
2.304	.587	19.81500	5.96830	-1.34110	2.46410	.02170	.02254	.02050	151.03000	4.57810	.02566
2.302	.784	19.81900	5.96790	-1.34200	2.46470	.02138	.02199	.02006	151.03000	4.57920	.02541
2.296	.999	19.81900	5.96760	-1.34280	2.46230	.02122	.02190	.01995	150.85000	4.57470	.02534
2.309	1.180	19.83000	5.96720	-1.34400	2.47290	.02110	.02171	.01973	151.46000	4.59450	.02516
2.309	1.404	19.83000	5.96690	-1.34470	2.47620	.02099	.02171	.01973	151.63000	4.60070	.02509
2.326	1.627	19.84300	5.96650	-1.34630	2.48850	.02095	.02171	.01984	152.34000	4.62360	.02502
2.342	1.818	19.84900	5.96610	-1.34730	2.50360	.02093	.02168	.01984	153.22000	4.65160	.02503
GRADIENT		02142	-.00181	-.00432	-.00120	-.00150	-.00229	-.00196	-.27422	-.00227	-.00161

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOB2) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 354/ 0 RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.671	-4.585	24.14800	5.97880	-1.51160	6.95080	.08212	.06051	.04925	429.14000	12.91400	.08938
7.656	-4.400	24.15600	5.97890	-1.51470	6.92120	.08208	.06056	.04951	427.36000	12.85900	.08931
7.639	-4.200	24.15700	5.97900	-1.51720	6.91150	.08218	.06077	.04959	426.80000	12.84100	.08929
7.621	-4.000	24.15800	5.97910	-1.51970	6.89830	.08233	.06111	.04967	426.01000	12.81600	.08923
7.610	-3.800	24.16200	5.97920	-1.52270	6.88790	.08236	.06175	.05001	425.40000	12.79700	.08898
7.608	-3.600	24.16300	5.97940	-1.52510	6.87950	.08238	.06236	.05048	424.91000	12.78100	.08874
7.616	-3.400	24.17400	5.97950	-1.52810	6.88540	.08249	.06297	.05104	425.31000	12.79200	.08870
7.609	-3.200	24.17400	5.97960	-1.53040	6.88230	.08277	.06361	.05152	425.16000	12.78600	.08879
7.615	-3.000	24.18300	5.97970	-1.53340	6.87690	.08325	.06417	.05216	424.86000	12.77600	.08903
7.600	-2.800	24.18700	5.97980	-1.53620	6.87610	.08396	.06459	.05279	424.84000	12.77500	.08946
7.596	-2.600	24.19600	5.97990	-1.53910	6.88140	.08453	.06494	.05346	425.20000	12.78500	.09004
7.606	-2.400	24.20200	5.98000	-1.54150	6.89590	.08479	.06522	.05396	426.13000	12.81200	.09049
7.586	-2.200	24.20700	5.98020	-1.54460	6.88320	.08480	.06535	.05433	425.38000	12.78800	.09071
7.603	-2.000	24.20900	5.98030	-1.54720	6.88000	.08468	.06547	.05444	425.21000	12.78200	.09067
7.625	-1.800	24.21900	5.98040	-1.54990	6.89570	.08484	.06563	.05496	426.22000	12.81100	.09065
7.604	-1.600	24.22500	5.98050	-1.55310	6.88960	.08516	.06590	.05535	425.87000	12.80000	.09071
7.625	-1.400	24.23200	5.98060	-1.55600	6.89420	.08542	.06605	.05573	426.19000	12.80800	.09065
7.618	-1.200	24.23900	5.98070	-1.55880	6.90110	.08566	.06621	.05593	426.65000	12.82100	.09068
7.614	-1.000	24.24700	5.98080	-1.56180	6.90390	.08578	.06622	.05602	426.86000	12.82700	.09071
7.631	-.800	24.25300	5.98090	-1.56470	6.91420	.08582	.06613	.05600	427.53000	12.84600	.09063
7.623	-.600	24.25900	5.98110	-1.56760	6.91730	.08594	.06603	.05581	427.76000	12.85100	.09070
7.626	-.400	24.26700	5.98120	-1.57050	6.92080	.08600	.06592	.05579	428.01000	12.85800	.09071
7.634	-.200	24.27500	5.98130	-1.57360	6.92050	.08590	.06585	.05549	428.02000	12.85700	.09066
7.632	.000	24.28100	5.98140	-1.57670	6.91980	.08583	.06584	.05528	428.01000	12.85600	.09051
7.640	.200	24.28600	5.98150	-1.57940	6.92630	.08572	.06604	.05530	428.45000	12.86800	.09041
7.630	.400	24.28900	5.98160	-1.58230	6.91630	.08553	.06633	.05538	427.86000	12.85000	.09027
7.657	.600	24.29700	5.98180	-1.58550	6.92850	.08537	.06677	.05570	428.65000	12.87200	.09013
7.635	.800	24.30500	5.98190	-1.58860	6.92800	.08532	.06738	.05579	428.65000	12.87100	.09005
7.630	1.000	24.30900	5.98200	-1.59130	6.93110	.08527	.06786	.05587	428.88000	12.87700	.08999
7.615	1.200	24.31200	5.98210	-1.59460	6.91050	.08490	.06819	.05620	427.64000	12.83900	.08959
7.598	1.400	24.31600	5.98220	-1.59740	6.89840	.08420	.06827	.05625	426.93000	12.81600	.08890
7.586	1.600	24.32100	5.98230	-1.60050	6.89120	.08308	.06813	.05592	426.51000	12.80300	.08802
7.576	1.800	24.32500	5.98240	-1.60370	6.88390	.08172	.06780	.05547	426.10000	12.78900	.08713
7.579	2.000	24.33000	5.98260	-1.60660	6.89300	.08083	.06728	.05484	426.70000	12.80600	.08647
7.562	2.200	24.33400	5.98270	-1.60990	6.87760	.08111	.06666	.05410	425.78000	12.77800	.08649
7.560	2.400	24.34000	5.98280	-1.61310	6.87290	.08152	.06607	.05331	425.52000	12.76900	.08682
7.560	2.600	24.34500	5.98290	-1.61650	6.86900	.08192	.06566	.05267	425.32000	12.76200	.08712
7.568	2.800	24.35400	5.98300	-1.61980	6.88760	.08205	.06536	.05236	426.50000	12.79600	.08729
7.563	3.000	24.35900	5.98310	-1.62290	6.88160	.08199	.06497	.05206	426.16000	12.78500	.08710
7.579	3.200	24.36800	5.98330	-1.62620	6.89990	.08191	.06448	.05177	427.33000	12.81900	.08686
7.569	3.400	24.37200	5.98340	-1.62940	6.88720	.08171	.06393	.05109	426.58000	12.79500	.08659
7.582	3.512	24.37500	5.98340	-1.63110	6.89880	.08161	.06356	.05083	427.31000	12.81700	.08644
GRADIENT	.03018	.00055	-.01484	.00543	-.00050	.00058	-.00024	.50000	.01036	-.00051	

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7E1B2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2354/ 0 RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.662	-4.500	24.15300	5.97890	-1.51310	6.92990	.08214	.06051	.04940	427.88000	12.87500	.08938
7.649	-4.300	24.15700	5.97900	-1.51600	6.91880	.08213	.06060	.04948	427.23000	12.85400	.08928
7.629	-4.100	24.15800	5.97910	-1.51850	6.90330	.08228	.06094	.04962	426.31000	12.82600	.08926
7.613	-3.900	24.15800	5.97920	-1.52100	6.89330	.08235	.06142	.04998	425.72000	12.80700	.08912
7.597	-3.700	24.16000	5.97930	-1.52380	6.87390	.08240	.06208	.05028	424.56000	12.77100	.08886
7.613	-3.500	24.16800	5.97940	-1.52650	6.88450	.08238	.06267	.05071	425.24000	12.79000	.08868
7.614	-3.300	24.17300	5.97950	-1.52910	6.88680	.08261	.06330	.05144	425.42000	12.79500	.08872
7.612	-3.100	24.18000	5.97970	-1.53210	6.87920	.08297	.06385	.05176	424.98000	12.78100	.08892
7.611	-2.900	24.18700	5.97980	-1.53490	6.87870	.08362	.06442	.05236	424.98000	12.78000	.08921
7.602	-2.700	24.19400	5.97990	-1.53780	6.88350	.08429	.06483	.05302	425.32000	12.78900	.08975
7.600	-2.500	24.19900	5.98000	-1.54030	6.88860	.08467	.06510	.05377	425.66000	12.79800	.09027
7.603	-2.300	24.20400	5.98010	-1.54290	6.89520	.08482	.06530	.05410	426.10000	12.81000	.09064
7.595	-2.100	24.21000	5.98020	-1.54590	6.88300	.08472	.06541	.05433	425.38000	12.78800	.09068
7.620	-1.900	24.21600	5.98030	-1.54870	6.88940	.08473	.06553	.05481	425.81000	12.80000	.09065
7.618	-1.700	24.22500	5.98040	-1.55150	6.89760	.08501	.06576	.05517	426.35000	12.81500	.09068
7.615	-1.500	24.22800	5.98050	-1.55450	6.89050	.08532	.06601	.05540	425.95000	12.80200	.09069
7.620	-1.300	24.23600	5.98070	-1.55750	6.89780	.08552	.06617	.05582	426.43000	12.81500	.09067
7.615	-1.100	24.24500	5.98080	-1.56030	6.90340	.08573	.06623	.05596	426.81000	12.82600	.09068
7.611	-.900	24.24800	5.98090	-1.56330	6.90170	.08581	.06617	.05593	426.74000	12.82200	.09067
7.641	-.700	24.25900	5.98100	-1.56610	6.92530	.08589	.06606	.05586	428.23000	12.86600	.09068
7.618	-.500	24.26600	5.98110	-1.56920	6.91690	.08596	.06593	.05581	427.75000	12.85100	.09071
7.637	-.300	24.27000	5.98120	-1.57210	6.92020	.08594	.06587	.05550	427.99000	12.85700	.09066
7.633	-.100	24.27600	5.98130	-1.57480	6.92290	.08589	.06583	.05532	428.19000	12.86200	.09058
7.637	.100	24.28300	5.98150	-1.57810	6.92240	.08577	.06594	.05531	428.19000	12.86100	.09046
7.627	.300	24.28700	5.98160	-1.58080	6.91730	.08563	.06617	.05537	427.91000	12.85100	.09035
7.642	.500	24.29400	5.98170	-1.58400	6.92110	.08544	.06653	.05544	428.18000	12.85800	.09016
7.642	.700	24.30100	5.98180	-1.58700	6.92610	.08540	.06710	.05574	428.52000	12.86800	.09009
7.638	.900	24.30800	5.98190	-1.59000	6.93550	.08529	.06763	.05596	429.14000	12.88500	.09002
7.621	1.100	24.31100	5.98200	-1.59310	6.91990	.08516	.06806	.05616	428.21000	12.85600	.08982
7.608	1.300	24.31400	5.98220	-1.59600	6.90560	.08460	.06825	.05626	427.36000	12.83000	.08927
7.592	1.500	24.31900	5.98230	-1.59900	6.89460	.08372	.06823	.05629	426.71000	12.80900	.08848
7.574	1.700	24.32100	5.98240	-1.60190	6.88160	.08238	.06799	.05588	425.94000	12.78500	.08755
7.578	1.900	24.32900	5.98250	-1.60520	6.88830	.08116	.06752	.05518	426.39000	12.79700	.08673
7.565	2.100	24.33300	5.98260	-1.60830	6.88250	.08092	.06696	.05457	426.06000	12.78700	.08637
7.561	2.300	24.33800	5.98270	-1.61160	6.87420	.08131	.06636	.05388	425.58000	12.77100	.08663
7.561	2.500	24.34400	5.98290	-1.61480	6.87130	.08172	.06582	.05300	425.44000	12.76600	.08697
7.571	2.700	24.35000	5.98300	-1.61810	6.88190	.08195	.06549	.05252	426.13000	12.78500	.08723
7.563	2.900	24.35900	5.98310	-1.62160	6.88310	.08207	.06524	.05215	426.24000	12.78800	.08725
7.573	3.100	24.36500	5.98320	-1.62450	6.89110	.08192	.06474	.05196	426.77000	12.80300	.08697
7.568	3.300	24.36800	5.98330	-1.62750	6.89110	.08186	.06426	.05149	426.80000	12.80300	.08678
7.580	3.500	24.37500	5.98340	-1.63090	6.89750	.08162	.06360	.05085	427.23000	12.81400	.08646
	GRADIENT	.02829	.00063	-.01477	.00169	-.00053	.00058	-.00032	.27285	.00229	-.00054

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOB3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 380/ O RN/L = 2.28 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.275	-2.211	24.53800	5.96110	-1.63110	2.45970	.02393	.02325	.02017	150.02000	4.57010	.02783
2.277	-2.058	24.53700	5.96120	-1.63140	2.45960	.02393	.02331	.02017	150.02000	4.56990	.02783
2.275	-1.902	24.54200	5.96130	-1.63240	2.46220	.02387	.02331	.02017	150.18000	4.57470	.02777
2.279	-1.748	24.54700	5.96130	-1.63280	2.46830	.02380	.02315	.02027	150.56000	4.58610	.02766
2.279	-1.612	24.55700	5.96140	-1.63400	2.46770	.02371	.02316	.02028	150.53000	4.58490	.02758
2.277	-1.467	24.55600	5.96150	-1.63410	2.46620	.02365	.02309	.02017	150.45000	4.58220	.02752
2.279	-1.330	24.56500	5.96150	-1.63510	2.47050	.02348	.02288	.02006	150.71000	4.59010	.02727
2.279	-1.189	24.56400	5.96160	-1.63560	2.47200	.02326	.02266	.01995	150.81000	4.59290	.02714
2.280	-1.045	24.56900	5.96160	-1.63630	2.47190	.02310	.02242	.01962	150.81000	4.59270	.02695
2.282	-.908	24.57200	5.96170	-1.63690	2.47150	.02300	.02220	.01951	150.80000	4.59200	.02682
2.286	-.766	24.58200	5.96180	-1.63800	2.46980	.02289	.02217	.01940	150.70000	4.58880	.02675
2.289	-.625	24.58600	5.96180	-1.63870	2.47370	.02289	.02205	.01930	150.95000	4.59620	.02675
2.287	-.477	24.59100	5.96190	-1.63960	2.47660	.02289	.02208	.01929	151.13000	4.60150	.02676
2.283	-.335	24.59000	5.96200	-1.63980	2.47650	.02283	.02214	.01929	151.13000	4.60130	.02676
2.281	-.201	24.59900	5.96200	-1.64090	2.47640	.02289	.02220	.01929	151.13000	4.60110	.02682
2.282	-.067	24.60900	5.96210	-1.64210	2.47770	.02294	.02226	.01940	151.21000	4.60350	.02688
2.283	.067	24.60700	5.96210	-1.64250	2.47890	.02300	.02239	.01929	151.30000	4.60580	.02695
2.278	.211	24.61100	5.96220	-1.64340	2.47690	.02301	.02251	.01941	151.18000	4.60200	.02700
2.279	.352	24.61500	5.96230	-1.64420	2.47900	.02304	.02242	.01940	151.31000	4.60590	.02695
2.277	.487	24.62500	5.96230	-1.64530	2.48000	.02305	.02251	.01929	151.38000	4.60770	.02688
2.279	.617	24.62300	5.96240	-1.64570	2.48150	.02304	.02254	.01940	151.48000	4.61060	.02702
2.281	.754	24.62800	5.96240	-1.64650	2.48110	.02316	.02263	.01951	151.46000	4.60990	.02708
2.289	.889	24.63200	5.96250	-1.64740	2.48260	.02326	.02272	.01951	151.56000	4.61270	.02714
2.289	1.023	24.64100	5.96260	-1.64840	2.48200	.02333	.02285	.01973	151.53000	4.61150	.02726
2.288	1.157	24.64400	5.96260	-1.64940	2.48030	.02350	.02300	.01995	151.43000	4.60830	.02745
2.294	1.291	24.65000	5.96270	-1.65000	2.48210	.02348	.02300	.01984	151.54000	4.61160	.02740
2.294	1.416	24.64800	5.96270	-1.65060	2.48330	.02359	.02306	.01995	151.63000	4.61400	.02759
2.296	1.549	24.65100	5.96280	-1.65140	2.48320	.02370	.02318	.02006	151.63000	4.61380	.02759
2.301	1.670	24.65500	5.96290	-1.65240	2.48450	.02375	.02337	.02006	151.71000	4.61610	.02765
2.301	1.798	24.65900	5.96290	-1.65290	2.48410	.02381	.02359	.02017	151.69000	4.61540	.02778
2.302	1.890	24.66200	5.96340	-1.65370	2.49170	.02402	.02392	.01984	152.21000	4.62950	.02784
	GRADIENT	.03432	.00042	-.00604	.00337	.00022	.00047	.00007	.24960	.00616	.00021

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7EOB4) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 2.000

RUN NO. 1380/ 0 RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.276	-2.031	24.53700	5.96960	-1.63180	2.45370	.02289	.02236	.01984	150.53000	4.55870	.02669
2.265	-1.843	24.54800	5.96930	-1.63290	2.45120	.02268	.02208	.01962	150.35000	4.55420	.02649
2.269	-1.662	24.55900	5.96900	-1.63400	2.45120	.02245	.02174	.01907	150.31000	4.55410	.02625
2.276	-1.476	24.56000	5.96870	-1.63470	2.45550	.02240	.02171	.01897	150.55000	4.56210	.02618
2.279	-1.275	24.56500	5.96840	-1.63550	2.45740	.02256	.02189	.01897	150.63000	4.56560	.02637
2.284	-1.086	24.57800	5.96810	-1.63680	2.46710	.02273	.02217	.01919	151.20000	4.58370	.02662
2.297	-.880	24.58000	5.96780	-1.63760	2.47600	.02283	.02239	.01940	151.71000	4.60020	.02676
2.295	-.687	24.58600	5.96750	-1.63840	2.47920	.02310	.02282	.01973	151.88000	4.60630	.02701
2.300	-.495	24.59300	5.96720	-1.63960	2.48790	.02327	.02306	.01984	152.38000	4.62240	.02714
2.321	-.301	24.60600	5.96690	-1.64080	2.50060	.02332	.02312	.01995	153.12000	4.64600	.02733
2.324	-.129	24.60700	5.96660	-1.64150	2.50660	.02338	.02318	.01984	153.46000	4.65720	.02727
2.330	.046	24.61100	5.96630	-1.64240	2.50550	.02333	.02322	.01973	153.36000	4.65510	.02726
2.310	.227	24.62300	5.96590	-1.64390	2.50580	.02344	.02325	.01995	153.34000	4.65570	.02739
2.311	.420	24.62800	5.96560	-1.64490	2.50290	.02370	.02349	.02028	153.12000	4.65030	.02765
2.318	.605	24.63300	5.96530	-1.64590	2.50200	.02392	.02368	.02049	153.04000	4.64870	.02791
2.303	.803	24.63300	5.96490	-1.64690	2.50430	.02402	.02358	.02060	153.14000	4.65290	.02791
2.303	1.036	24.63900	5.96460	-1.64820	2.49780	.02402	.02374	.02028	152.71000	4.64090	.02784
2.317	1.237	24.65100	5.96420	-1.64980	2.49680	.02414	.02414	.02028	152.61000	4.63900	.02797
2.295	1.491	24.65700	5.96380	-1.65160	2.49230	.02408	.02423	.01995	152.29000	4.63070	.02804
	GRADIENT	.03643	-.00178	-.00580	.01415	.00039	.00041	.00034	.67336	.02632	.00043

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UA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7E0B5) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 356/ 0 RN/L = 7.67 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.668	-4.688	28.97300	5.98030	-1.78290	6.89870	.10659	.06117	.05667	426.38000	12.81700	.11270
7.663	-4.500	28.98200	5.98050	-1.78590	6.89770	.10652	.06110	.05633	426.38000	12.81500	.11259
7.668	-4.300	28.99000	5.98070	-1.78880	6.91060	.10660	.06103	.05634	427.23000	12.83900	.11264
7.665	-4.100	28.99800	5.98090	-1.79180	6.90920	.10666	.06111	.05688	427.19000	12.83600	.11291
7.668	-3.900	29.00500	5.98100	-1.79480	6.91890	.10685	.06133	.05739	427.84000	12.85400	.11327
7.656	-3.700	29.01200	5.98120	-1.79810	6.92240	.10706	.06177	.05786	428.11000	12.86100	.11354
7.647	-3.500	29.01500	5.98140	-1.80150	6.90650	.10705	.06243	.05851	427.18000	12.83100	.11357
7.656	-3.300	29.02600	5.98150	-1.80460	6.91650	.10697	.06303	.05925	427.84000	12.85000	.11365
7.643	-3.100	29.03300	5.98170	-1.80800	6.91370	.10701	.06367	.05952	427.72000	12.84500	.11371
7.686	-2.900	29.04100	5.98190	-1.81120	6.92460	.10697	.06420	.05977	428.45000	12.86500	.11374
7.696	-2.700	29.04900	5.98200	-1.81450	6.92260	.10706	.06486	.06063	428.37000	12.86100	.11382
7.706	-2.500	29.05600	5.98220	-1.81760	6.93110	.10733	.06557	.06141	428.95000	12.87700	.11397
7.701	-2.300	29.06500	5.98240	-1.82090	6.93890	.10750	.06596	.06205	429.48000	12.89100	.11403
7.704	-2.100	29.07600	5.98250	-1.82420	6.94400	.10734	.06560	.06242	429.84000	12.90100	.11385
7.690	-1.900	29.07900	5.98270	-1.82740	6.93420	.10714	.06525	.06248	429.29000	12.88300	.11356
7.682	-1.700	29.08700	5.98290	-1.83090	6.92880	.10671	.06486	.06196	429.00000	12.87300	.11297
7.691	-1.500	29.09600	5.98300	-1.83440	6.93620	.10639	.06475	.06149	429.51000	12.88600	.11259
7.688	-1.300	29.10700	5.98320	-1.83780	6.94620	.10612	.06475	.06097	430.18000	12.90500	.11237
7.670	-1.100	29.11200	5.98340	-1.84120	6.93770	.10590	.06473	.06074	429.70000	12.88900	.11219
7.671	-.900	29.11900	5.98350	-1.84450	6.93700	.10560	.06472	.06041	429.71000	12.88800	.11182
7.673	-.700	29.12600	5.98370	-1.84790	6.93590	.10541	.06465	.06042	429.70000	12.88600	.11163
7.664	-.500	29.13400	5.98390	-1.85150	6.93290	.10524	.06452	.06055	429.56000	12.88000	.11146
7.679	-.300	29.14100	5.98410	-1.85490	6.93330	.10516	.06428	.06064	429.64000	12.88100	.11129
7.698	-.100	29.14600	5.98420	-1.85850	6.93020	.10504	.06394	.06053	429.49000	12.87500	.11110
7.691	.100	29.15600	5.98440	-1.86200	6.93750	.10504	.06368	.06066	430.00000	12.88900	.11104
7.673	.300	29.16200	5.98460	-1.86540	6.92690	.10506	.06337	.06064	429.39000	12.86900	.11102
7.657	.500	29.16300	5.98470	-1.86860	6.92300	.10523	.06326	.06043	429.20000	12.86200	.11108
7.662	.700	29.17300	5.98490	-1.87220	6.92540	.10533	.06326	.06043	429.40000	12.86600	.11110
7.654	.900	29.18100	5.98510	-1.87590	6.92970	.10558	.06354	.06066	429.71000	12.87400	.11139
7.663	1.100	29.18800	5.98530	-1.87950	6.93000	.10577	.06373	.06057	429.78000	12.87500	.11152
7.663	1.300	29.19800	5.98540	-1.88330	6.93080	.10606	.06397	.06066	429.89000	12.87600	.11176
7.658	1.500	29.20300	5.98560	-1.88690	6.92660	.10656	.06421	.06080	429.68000	12.86800	.11214
7.670	1.700	29.20700	5.98580	-1.89030	6.93270	.10700	.06442	.06078	430.10000	12.88000	.11239
7.670	1.900	29.21700	5.98590	-1.89450	6.93420	.10740	.06516	.06087	430.25000	12.88300	.11254
7.653	2.100	29.22200	5.98610	-1.89800	6.93390	.10774	.06565	.06097	430.29000	12.88200	.11272
7.662	2.300	29.22700	5.98630	-1.90200	6.92740	.10828	.06592	.06105	429.93000	12.87000	.11317
7.681	2.500	29.23500	5.98650	-1.90570	6.93280	.10880	.06614	.06108	430.32000	12.88000	.11356
7.685	2.700	29.24000	5.98660	-1.90960	6.93430	.10950	.06629	.06114	430.47000	12.88300	.11416
7.680	2.900	29.24800	5.98680	-1.91350	6.93850	.11026	.06641	.06115	430.78000	12.89100	.11488
7.682	3.100	29.24900	5.98700	-1.91710	6.92700	.11130	.06652	.06124	430.11000	12.86900	.11592
7.673	3.300	29.25800	5.98720	-1.92140	6.93090	.11190	.06662	.06110	430.41000	12.87600	.11641
7.680	3.500	29.26400	5.98720	-1.92320	6.93850	.11215	.06664	.06088	430.90000	12.89100	.11671

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102 LESS OMS & V.T.

(S7E0B5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 356/ 0 RN/L = 7.67 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.674	3.688	29.27000	5.98730	-1.92400	6.93740	.11237	.06658	.06058	430.85000	12.88800	.11686
GRADIENT			.00081	-.01721	-.00877	-.00005	-.00134	-.00007	-.29143	-.01600	-.00040

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(S7E1B5) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2356/ 0 RN/L = 7.68 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.659	-4.600	28.97700	5.98040	-1.78440	6.89420	.10655	.06111	.05643	426.14000	12.80800	.11267
7.668	-4.400	28.98700	5.98060	-1.78740	6.90540	.10653	.06109	.05636	426.88000	12.82900	.11259
7.663	-4.200	28.99200	5.98080	-1.79030	6.90700	.10661	.06105	.05668	427.03000	12.83200	.11275
7.673	-4.000	29.00000	5.98090	-1.79320	6.91850	.10677	.06123	.05704	427.79000	12.85400	.11307
7.665	-3.800	29.01000	5.98110	-1.79660	6.92300	.10694	.06150	.05759	428.12000	12.86200	.11338
7.643	-3.600	29.01400	5.98130	-1.80000	6.90990	.10712	.06214	.05827	427.36000	12.83800	.11365
7.656	-3.400	29.01700	5.98140	-1.80290	6.91120	.10693	.06265	.05884	427.49000	12.84000	.11351
7.650	-3.200	29.03100	5.98160	-1.80630	6.91910	.10705	.06340	.05929	428.03000	12.85500	.11376
7.668	-3.000	29.03600	5.98180	-1.80960	6.91620	.10694	.06386	.05960	427.90000	12.84900	.11367
7.700	-2.800	29.04700	5.98200	-1.81290	6.92790	.10704	.06450	.06020	428.67000	12.87100	.11377
7.698	-2.600	29.05200	5.98210	-1.81600	6.92370	.10716	.06519	.06087	428.46000	12.86300	.11387
7.714	-2.400	29.06300	5.98230	-1.81930	6.94020	.10746	.06588	.06173	429.53000	12.89400	.11402
7.710	-2.200	29.07300	5.98240	-1.82260	6.94730	.10735	.06574	.06236	430.02000	12.90700	.11392
7.696	-2.000	29.07600	5.98260	-1.82580	6.93890	.10728	.06540	.06251	429.56000	12.89200	.11372
7.687	-1.800	29.08400	5.98280	-1.82920	6.93180	.10695	.06505	.06225	429.17000	12.87800	.11325
7.687	-1.600	29.09500	5.98300	-1.83310	6.93010	.10651	.06482	.06187	429.11000	12.87500	.11274
7.692	-1.400	29.10000	5.98310	-1.83590	6.94630	.10623	.06472	.06122	430.16000	12.90500	.11246
7.681	-1.200	29.10700	5.98330	-1.83930	6.94260	.10605	.06476	.06068	429.98000	12.89800	.11229
7.670	-1.000	29.11500	5.98350	-1.84270	6.93650	.10574	.06472	.06058	429.65000	12.88700	.11197
7.668	-.800	29.12100	5.98360	-1.84630	6.93270	.10548	.06471	.06053	429.47000	12.88000	.11171
7.658	-.600	29.12600	5.98380	-1.84940	6.92910	.10535	.06459	.06058	429.30000	12.87300	.11157
7.672	-.400	29.13900	5.98400	-1.85330	6.93600	.10514	.06440	.06049	429.78000	12.88600	.11132
7.690	-.200	29.14300	5.98410	-1.85670	6.92710	.10512	.06422	.06071	429.27000	12.86900	.11122
7.696	.000	29.15400	5.98430	-1.86030	6.93980	.10499	.06384	.06078	430.11000	12.89300	.11099
7.683	.200	29.16000	5.98450	-1.86360	6.93170	.10507	.06353	.06052	429.66000	12.87800	.11107
7.670	.400	29.16700	5.98470	-1.86710	6.92970	.10508	.06328	.06048	429.59000	12.87400	.11104
7.664	.600	29.16900	5.98480	-1.87050	6.92560	.10526	.06324	.06052	429.39000	12.86700	.11109
7.658	.800	29.17800	5.98500	-1.87410	6.92840	.10543	.06334	.06048	429.61000	12.87200	.11124
7.652	1.000	29.18400	5.98520	-1.87760	6.92450	.10566	.06364	.06055	429.42000	12.86500	.11144
7.669	1.200	29.19300	5.98530	-1.88130	6.93530	.10592	.06386	.06057	430.14000	12.88500	.11163
7.673	1.400	29.20100	5.98550	-1.88490	6.93900	.10629	.06409	.06059	430.42000	12.89200	.11187
7.660	1.600	29.20600	5.98570	-1.88880	6.92690	.10677	.06423	.06077	429.72000	12.86900	.11223
7.678	1.800	29.21100	5.98590	-1.89240	6.93640	.10722	.06477	.06066	430.36000	12.88700	.11251
7.664	2.000	29.22000	5.98600	-1.89620	6.93710	.10755	.06551	.06105	430.46000	12.88800	.11260
7.656	2.200	29.22700	5.98620	-1.90010	6.93470	.10798	.06574	.06101	430.36000	12.88400	.11292
7.672	2.400	29.22800	5.98640	-1.90370	6.92370	.10850	.06601	.06099	429.73000	12.86300	.11332
7.693	2.600	29.24000	5.98660	-1.90780	6.93970	.10913	.06624	.06125	430.78000	12.89300	.11384
7.679	2.800	29.24200	5.98670	-1.91130	6.93170	.10980	.06639	.06140	430.33000	12.87800	.11444
7.684	3.000	29.24700	5.98690	-1.91520	6.93750	.11085	.06643	.06129	430.74000	12.88900	.11549
7.675	3.200	29.25000	5.98710	-1.91910	6.92510	.11162	.06657	.06117	430.03000	12.86600	.11616
7.678	3.400	29.26100	5.98720	-1.92240	6.93560	.11203	.06664	.06100	430.71000	12.88500	.11657
7.677	3.600	29.26700	5.98730	-1.92360	6.93790	.11227	.06661	.06072	430.87000	12.88900	.11679
	GRADIENT	.03607	.00086	-.01746	-.00330	-.00008	-.00125	-.00007	.05001	-.00589	-.00038

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOB6) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 AILRON = .000 YP = .000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 365/ 0 RN/L = 7.53 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.498	-.305	-.07144	6.01380	-.00001	6.77570	.07651	.07248	.07160	428.58000	12.58700	.07658
7.406	-.276	-.04434	6.01170	-.00001	6.71440	.07575	.07205	.07051	424.10000	12.47300	.07568
7.581	-.033	.02930	5.98720	.00001	6.83900	.07694	.07299	.07095	424.70000	12.70600	.07730
7.452	.816	.02025	6.01090	.00006	6.72650	.07543	.07458	.07062	424.62000	12.49600	.07545
7.498	1.916	.02979	6.01010	.00011	6.78720	.07424	.07399	.06832	428.22000	12.60800	.07403
7.454	2.641	.03006	6.00920	.00013	6.72280	.07299	.07295	.07051	423.90000	12.48900	.07301
7.525	3.720	.02931	6.00820	.00024	6.81440	.07256	.07074	.06658	429.38000	12.65900	.07268
7.515	4.544	.03018	6.00730	.00029	6.82020	.07142	.06909	.06418	429.49000	12.67000	.07162
7.488	5.399	.03039	6.00660	.00033	6.79950	.06834	.06595	.06035	427.97000	12.63100	.06859
7.455	6.227	.03124	6.00570	.00028	6.79050	.06785	.06613	.05969	427.14000	12.61500	.06898
7.460	7.440	.03252	6.00490	.00017	6.79360	.06666	.06591	.05969	427.09000	12.62100	.06909
7.490	8.523	.03060	6.00400	.00033	6.79800	.06455	.06500	.05838	427.11000	12.62900	.06815
7.492	9.401	.03224	6.00320	.00027	6.80240	.06320	.06380	.05849	427.14000	12.63700	.06738
7.461	10.109	.03242	6.00230	.00008	6.77030	.06303	.06229	.05860	424.87000	12.57700	.06726
7.455	11.079	.03282	6.00150	.00020	6.77470	.06401	.06146	.05849	424.90000	12.58600	.06738
7.484	12.342	.03390	6.00070	-.00001	6.77460	.06639	.06398	.05969	424.65000	12.58500	.06827
7.578	13.211	.03353	6.00000	-.00015	6.86990	.06780	.06512	.05991	430.43000	12.76300	.06918
7.589	14.231	.03361	5.99930	.00007	6.85680	.06947	.06638	.06079	429.38000	12.73800	.07134
7.569	15.321	.03195	5.99850	.00025	6.83590	.07050	.06666	.06101	427.86000	12.69900	.07206
7.573	16.597	.03301	5.99760	.00025	6.84600	.07196	.06711	.06188	428.22000	12.71800	.07307
7.589	17.668	.03450	5.99680	-.00019	6.85610	.07218	.06592	.06057	428.60000	12.73700	.07340
7.592	18.538	.03362	5.99590	.00008	6.86440	.07386	.06789	.06122	428.85000	12.75200	.07519
7.531	19.285	.04002	5.99510	-.00006	6.78290	.07424	.06850	.06079	423.54000	12.60100	.07577
7.614	20.228	.04531	5.99440	-.00017	6.86080	.07570	.07040	.06221	428.19000	12.74600	.07858
7.628	21.557	.04636	5.99350	-.00020	6.87820	.07727	.07200	.06341	429.02000	12.77800	.08082
7.662	22.518	.04582	5.99270	.00040	6.87660	.07683	.07317	.06516	428.69000	12.77500	.08178
7.615	23.659	.04485	5.99190	-.00001	6.87110	.07965	.07293	.06778	428.11000	12.76500	.08434
7.579	24.418	.04620	5.99110	-.00016	6.83530	.08003	.07184	.06822	425.65000	12.69900	.08573
	GRADIENT	.00177	-.00105	-.00020	-.04716	.00050	-.00142	.00057	-3.24119	-.08696	.00184

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DA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOB7) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 AILRON = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO.: 364/0 RN/L = 7.39 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.356	14.000	-.20245	6.01080	.00124	6.69260	.06964	.06561	.06265	422.46000	12.43300	.07039
7.507	14.432	-.20094	5.98410	.00091	6.83460	.06844	.06383	.05959	423.54000	12.69800	.06873
7.373	14.596	-.20156	6.00950	.00108	6.71910	.07067	.06595	.06275	423.74000	12.48200	.07090
7.377	15.582	-.20119	6.00900	.00105	6.71910	.07115	.06591	.06308	423.60000	12.48200	.07133
7.355	16.696	-.20273	6.00840	.00128	6.71550	.07169	.06592	.06297	423.20000	12.47500	.07193
7.354	17.682	-.18603	6.00780	.00113	6.72140	.07121	.06527	.06199	423.40000	12.48600	.07160
7.385	18.580	-.06728	6.00730	-.00015	6.75200	.07277	.06651	.06330	425.17000	12.54300	.07335
7.357	19.380	-.05606	6.00650	-.00025	6.73680	.07375	.06797	.06352	423.98000	12.51500	.07512
7.341	20.396	-.04605	6.00590	-.00028	6.68470	.07337	.06849	.06340	420.53000	12.41800	.07632
7.345	21.547	-.04086	6.00510	.00000	6.71530	.07424	.07006	.06330	422.24000	12.47500	.07767
7.318	22.501	-.04683	6.00450	-.00039	6.68020	.07445	.07105	.06352	419.83000	12.41000	.07831
7.348	23.266	-.04564	6.00380	-.00008	6.71450	.07602	.07170	.06516	421.79000	12.47400	.08012
7.369	23.966	-.04208	6.00320	-.00032	6.72240	.07656	.07205	.06745	422.11000	12.48800	.08112
7.385	25.139	-.04133	6.00230	-.00067	6.72420	.07629	.07065	.06625	421.96000	12.49200	.08005
7.377	25.935	-.04519	6.00170	-.00076	6.74020	.07808	.07028	.06581	422.79000	12.52100	.08082
7.391	26.922	-.04321	6.00100	-.00078	6.74480	.08008	.06997	.06592	422.87000	12.53000	.08415
7.389	27.991	-.04398	6.00010	-.00093	6.75780	.08404	.07193	.06941	423.44000	12.55400	.09013
7.389	28.617	-.03797	5.99960	-.00097	6.74650	.08675	.07443	.07160	422.57000	12.53300	.09373
7.390	29.653	-.04477	5.99870	-.00110	6.76710	.09070	.07808	.07499	423.60000	12.57200	.09985
7.396	31.031	-.04644	5.99800	-.00078	6.76670	.09589	.08239	.07751	423.37000	12.57100	.10820
7.406	31.950	-.04607	5.99730	-.00045	6.75700	.09989	.08536	.07870	422.57000	12.55300	.11119
7.411	32.793	-.04672	5.99660	-.00007	6.77970	.10293	.08743	.07991	423.79000	12.59500	.11587
7.463	33.636	-.04639	5.99600	-.00027	6.79010	.10714	.08956	.08220	424.27000	12.61500	.12281
7.413	35.012	-.04753	5.99520	.00046	6.79260	.11558	.09276	.08526	424.18000	12.61900	.13209
7.432	35.951	-.04824	5.99460	.00028	6.78640	.12311	.09468	.08680	423.62000	12.60800	.13986
7.423	36.802	-.04698	5.99400	.00079	6.79050	.12992	.09651	.08831	423.68000	12.61500	.14647
7.438	37.790	-.05327	5.99340	.00177	6.83660	.14080	.09882	.09007	426.39000	12.70100	.15404
7.391	38.696	-.05947	5.99260	.00124	6.78190	.14718	.09999	.09094	422.74000	12.59900	.15884
	GRADIENT	.00508	-.00086	-.00035	.01129	.00078	.00051	.00327	.45737	.01999	.00143

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOB8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = -.500 PHI = .000
 AILRON = .000 YP = .000
 LS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 366/0 RN/L = 7.54 GRADIENT INTERVAL = 23.00/25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.721	-.047	-.48285	5.98380	.00006	6.88150	.07683	.07470	.06624	426.34000	12.78500	.07786
7.463	.102	-.47572	6.01410	.00000	6.75120	.24501	.21974	.20404	427.14000	12.54100	.25011
7.488	.181	-.51559	6.01300	.00016	6.76060	.07645	.07516	.06701	427.39000	12.55900	.07723
7.468	1.381	-.51424	6.01240	.00062	6.76450	.07629	.07664	.06723	427.47000	12.56600	.07703
7.478	2.510	-.51578	6.01180	.00108	6.78930	.07429	.07403	.06396	428.85000	12.61200	.07494
7.485	3.563	-.51434	6.01110	.00147	6.80420	.07256	.07090	.06603	429.60000	12.64000	.07346
7.464	4.702	-.51333	6.01050	.00184	6.79590	.07045	.06834	.06166	428.89000	12.62500	.07141
7.460	5.573	-.51385	6.00990	.00221	6.79680	.06877	.06696	.05991	428.77000	12.62600	.07014
7.372	6.825	-.51292	6.00930	.00259	6.70500	.06812	.06660	.05828	422.79000	12.45600	.07020
7.405	8.308	-.51144	6.00870	.00293	6.71220	.06639	.06613	.05674	423.07000	12.46900	.06930
7.483	9.212	-.51233	6.00790	.00337	6.79330	.06574	.06580	.05718	427.94000	12.62000	.06962
7.489	10.812	-.51169	6.00710	.00384	6.80130	.06542	.06380	.05849	428.22000	12.63500	.07026
7.482	12.033	-.51108	6.00650	.00415	6.79540	.06747	.06488	.05991	427.69000	12.62400	.07097
7.475	13.331	-.50988	6.00590	.00456	6.78650	.06904	.06764	.06046	426.94000	12.60700	.07238
7.510	14.316	-.50896	6.00510	.00466	6.81400	.07115	.06929	.06100	428.42000	12.65900	.07408
7.529	15.274	-.50914	6.00440	.00503	6.84140	.07083	.06893	.05991	429.93000	12.70900	.07359
7.522	16.543	-.51123	6.00370	.00577	6.81010	.07148	.06868	.05969	427.77000	12.65100	.07423
7.515	17.746	-.50951	6.00300	.00568	6.80870	.07424	.06914	.05926	427.47000	12.64900	.07620
7.442	19.078	-.50882	6.00220	.00590	6.75750	.07619	.07119	.05980	424.02000	12.55400	.07837
7.460	20.129	-.50866	6.00150	.00653	6.74800	.07694	.07313	.06068	423.24000	12.53600	.07946
7.470	21.327	-.50834	6.00080	.00645	6.75930	.07738	.07486	.06079	423.74000	12.55700	.07991
7.543	22.789	-.50894	6.00000	.00716	6.84860	.08040	.07766	.06428	429.10000	12.72300	.08312
7.523	24.100	-.50717	5.99910	.00728	6.83610	.07981	.07486	.06538	428.05000	12.70000	.08298
7.534	24.788	-.50818	5.99790	.00751	6.80440	.07975	.07385	.06614	425.70000	12.64100	.08376
7.504	26.107	-.50757	5.99710	.00767	6.78670	.08030	.07207	.06516	424.37000	12.60800	.08587
7.556	27.631	-.50629	5.99630	.00803	6.81020	.08599	.07482	.06788	425.60000	12.65200	.09659
7.603	28.780	-.50658	5.99550	.00856	6.86170	.09037	.07789	.07258	428.58000	12.74800	.10375
7.640	30.277	-.50686	5.99460	.00923	6.87530	.09621	.08231	.07979	429.17000	12.77300	.11111
7.622	31.554	-.50757	5.99390	.01010	6.85350	.10196	.08660	.08254	427.58000	12.73200	.11685
7.678	32.593	-.50462	5.99300	.01052	6.84390	.10677	.08960	.08187	426.73000	12.71500	.12104
7.665	33.652	-.50515	5.99220	.01126	6.86900	.11099	.09304	.08286	428.05000	12.76100	.12737
7.681	35.032	-.50411	5.99120	.01115	6.85640	.11807	.09636	.08406	426.97000	12.73800	.13568
7.707	36.282	-.50469	5.99020	.01204	6.92100	.12765	.10023	.08843	430.71000	12.85800	.14784
7.657	37.230	-.49480	5.98950	.01320	6.88370	.13425	.10142	.08930	428.17000	12.78900	.15364
7.621	38.900	-.48980	5.98840	.01471	6.87750	.14724	.10521	.09247	427.47000	12.77700	.16517
GRADIENT	-.00147	-.00174	.00034	-.04608	-.00008	-.00147	.00112	-.3.41663	-.08575	.00113	

DATE 14 DEC 82

QA257 (LARC 20HT6-6559) DMS-DR-2466

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QA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOB9) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. X0
LREF =	474.8100 INCHES	YMRP =	.0000 IN. Y0
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. Z0
SCALE =	.0100		

BETA	=	.500	PHI	=	.000
AILRON	=	.000	YP	=	.000
1S	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	1.000
S-DIR	=	2.000			

PARAMETRIC DATA

RUN NO. 367/ O RN/L = 7.53 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 374/0 RN/L = 7.49 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.428	-4.319	14.49100	6.00230	-.93923	6.79130	.06851	.06923	.06125	426.17000	12.61600	.07502
7.407	-4.200	14.49800	6.00220	-.94044	6.78410	.06852	.06925	.06127	425.70000	12.60300	.07507
7.449	-4.000	14.49900	6.00220	-.94176	6.80200	.06848	.06929	.06129	426.81000	12.63600	.07531
7.460	-3.800	14.49900	6.00210	-.94313	6.80740	.06900	.06943	.06154	427.14000	12.64600	.07573
7.470	-3.600	14.50300	6.00210	-.94469	6.81770	.07012	.06973	.06199	427.77000	12.66600	.07622
7.472	-3.400	14.50500	6.00200	-.94612	6.81320	.07110	.06994	.06236	427.47000	12.65700	.07671
7.480	-3.200	14.51000	6.00200	-.94762	6.82560	.07181	.07002	.06242	428.24000	12.68000	.07693
7.466	-3.000	14.51200	6.00200	-.94939	6.81320	.07206	.07012	.06239	427.45000	12.65700	.07708
7.487	-2.800	14.51600	6.00190	-.95093	6.82430	.07196	.07025	.06240	428.13000	12.67800	.07712
7.517	-2.600	14.52200	6.00190	-.95270	6.82900	.07176	.07038	.06244	428.42000	12.68700	.07713
7.505	-2.400	14.52500	6.00180	-.95442	6.81750	.07148	.07037	.06219	427.68000	12.66500	.07694
7.495	-2.200	14.52900	6.00180	-.95596	6.81970	.07137	.07040	.06188	427.81000	12.66900	.07686
7.499	-2.000	14.53400	6.00170	-.95751	6.83150	.07152	.07062	.06176	428.54000	12.69100	.07712
7.498	-1.800	14.53600	6.00170	-.95919	6.83250	.07178	.07082	.06181	428.59000	12.69300	.07749
7.516	-1.600	14.54200	6.00170	-.96099	6.84120	.07194	.07087	.06208	429.12000	12.70900	.07780
7.523	-1.400	14.54500	6.00160	-.96263	6.83420	.07211	.07082	.06249	428.67000	12.69600	.07809
7.543	-1.200	14.54900	6.00160	-.96417	6.86040	.07268	.07096	.06281	430.30000	12.74500	.07851
7.551	-1.000	14.55400	6.00150	-.96587	6.85900	.07342	.07126	.06275	430.20000	12.74200	.07874
7.544	-.800	14.55800	6.00150	-.96762	6.85390	.07387	.07148	.06256	429.87000	12.73300	.07870
7.538	-.600	14.56200	6.00140	-.96940	6.85510	.07376	.07167	.06204	429.93000	12.73500	.07847
7.532	-.400	14.56500	6.00140	-.97105	6.84020	.07307	.07174	.06164	428.98000	12.70700	.07817
7.544	-.200	14.56900	6.00140	-.97279	6.84630	.07225	.07152	.06106	429.35000	12.71900	.07770
7.534	-.000	14.57100	6.00130	-.97456	6.83330	.07222	.07105	.06026	428.52000	12.69400	.07697
7.542	.200	14.57500	6.00130	-.97632	6.84400	.07165	.07042	.05905	429.18000	12.71400	.07585
7.517	.400	14.57700	6.00120	-.97811	6.82100	.07105	.07005	.05807	427.73000	12.67200	.07509
7.509	.600	14.58100	6.00120	-.97981	6.82700	.07093	.06997	.05761	428.09000	12.68300	.07492
7.493	.800	14.58300	6.00120	-.98159	6.81440	.07090	.07012	.05731	427.29000	12.65900	.07494
7.499	1.000	14.58800	6.00110	-.98357	6.81900	.07071	.07028	.05698	427.57000	12.66800	.07481
7.476	1.200	14.59000	6.00110	-.98517	6.80810	.07047	.07040	.05673	426.87000	12.64800	.07475
7.498	1.400	14.59400	6.00100	-.98696	6.82220	.07005	.07043	.05655	427.74000	12.67400	.07449
7.502	1.600	14.60000	6.00100	-.98887	6.82230	.06947	.07033	.05630	427.73000	12.67400	.07408
7.489	1.800	14.60000	6.00090	-.99055	6.81390	.06887	.07005	.05591	427.19000	12.65800	.07363
7.486	2.000	14.60500	6.00090	-.99247	6.81240	.06878	.06997	.05581	427.09000	12.65600	.07359
7.483	2.200	14.60900	6.00090	-.99434	6.81480	.06907	.07000	.05629	427.22000	12.66000	.07394
7.481	2.400	14.61200	6.00080	-.99619	6.82280	.06953	.07011	.05659	427.71000	12.67500	.07443
7.493	2.600	14.61700	6.00080	-.99819	6.83650	.07000	.07041	.05665	428.56000	12.70000	.07483
7.488	2.800	14.62000	6.00070	-.1.00020	6.82150	.07015	.07089	.05643	427.61000	12.67300	.07488
7.509	3.000	14.62300	6.00070	-.1.00200	6.82940	.07021	.07144	.05636	428.09000	12.68700	.07478
7.481	3.200	14.62700	6.00060	-.1.00410	6.81360	.07025	.07161	.05624	427.08000	12.65800	.07463
7.475	3.400	14.63100	6.00060	-.1.00590	6.80780	.07018	.07144	.05596	426.71000	12.64700	.07437
7.481	3.600	14.63300	6.00060	-.1.00790	6.81160	.06997	.07112	.05567	426.94000	12.65400	.07392
7.459	3.800	14.63700	6.00050	-.1.01000	6.80210	.06945	.07040	.05516	426.33000	12.63700	.07313

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 374/ 0 RN/L = 7.49 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.439	4.000	14.64000	6.00050	-1.01200	6.77940	.06886	.06967	.05447	424.89000	12.59400	.07218
7.431	4.169	14.63700	6.00040	-1.01320	6.77620	.06856	.06949	.05397	424.68000	12.58800	.07155
GRADIENT		.01554	-.00020	-.00873	-.02232	-.00235	-.00171	-.00401	-1.46250	-.04125	-.00334

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7E1C1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2374/0 RN/L = 7.49 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.424	-4.300	14.49200	6.00220	-.93935	6.79460	.06853	.06925	.06128	426.37000	12.62300	.07504
7.424	-4.100	14.49800	6.00220	-.94108	6.79480	.06846	.06922	.06119	426.36000	12.62300	.07512
7.451	-3.900	14.49700	6.00210	-.94239	6.79970	.06867	.06935	.06133	426.66000	12.63200	.07554
7.470	-3.700	14.50200	6.00210	-.94386	6.81660	.06954	.06958	.06174	427.71000	12.66400	.07595
7.466	-3.500	14.50300	6.00210	-.94540	6.81080	.07066	.06986	.06223	427.33000	12.65300	.07653
7.475	-3.300	14.50900	6.00200	-.94699	6.81820	.07150	.06998	.06237	427.78000	12.66600	.07682
7.475	-3.100	14.51000	6.00200	-.94844	6.82210	.07199	.07004	.06241	428.02000	12.67400	.07701
7.481	-2.900	14.51500	6.00190	-.95020	6.82320	.07199	.07016	.06235	428.07000	12.67600	.07715
7.500	-2.700	14.51800	6.00190	-.95174	6.82640	.07187	.07032	.06250	428.26000	12.68200	.07713
7.506	-2.500	14.52200	6.00190	-.95347	6.81570	.07165	.07045	.06237	427.58000	12.66200	.07707
7.495	-2.300	14.52400	6.00180	-.95511	6.81390	.07139	.07036	.06199	427.45000	12.65900	.07687
7.502	-2.100	14.53000	6.00180	-.95666	6.82930	.07142	.07048	.06177	428.40000	12.68700	.07693
7.496	-1.900	14.53300	6.00170	-.95819	6.83310	.07164	.07075	.06176	428.63000	12.69400	.07730
7.507	-1.700	14.53900	6.00170	-.96008	6.83740	.07188	.07083	.06192	428.89000	12.70200	.07766
7.513	-1.500	14.54400	6.00160	-.96189	6.83470	.07201	.07088	.06228	428.71000	12.69700	.07797
7.543	-1.300	14.54800	6.00160	-.96334	6.85330	.07231	.07087	.06265	429.86000	12.73200	.07830
7.542	-1.100	14.55200	6.00160	-.96509	6.85530	.07309	.07111	.06283	429.97000	12.73500	.07870
7.548	-.900	14.55400	6.00150	-.96668	6.85650	.07373	.07137	.06270	430.04000	12.73800	.07875
7.544	-.700	14.56000	6.00150	-.96858	6.85670	.07390	.07156	.06228	430.04000	12.73800	.07863
7.528	-.500	14.56300	6.00140	-.97027	6.84610	.07349	.07171	.06187	429.36000	12.71800	.07831
7.550	-.300	14.56700	6.00140	-.97190	6.84810	.07259	.07168	.06136	429.47000	12.72200	.07797
7.531	-.100	14.57000	6.00130	-.97359	6.83660	.07226	.07135	.06072	428.74000	12.70100	.07737
7.542	.100	14.57200	6.00130	-.97540	6.84150	.07197	.07073	.05959	429.03000	12.71000	.07638
7.518	.300	14.57500	6.00130	-.97717	6.82300	.07132	.07023	.05852	427.86000	12.67500	.07542
7.511	.500	14.57800	6.00120	-.97898	6.82260	.07096	.06995	.05772	427.82000	12.67500	.07492
7.501	.700	14.58300	6.00120	-.98072	6.82270	.07093	.07003	.05748	427.82000	12.67500	.07495
7.498	.900	14.58500	6.00110	-.98251	6.81540	.07080	.07014	.05717	427.35000	12.66100	.07492
7.484	1.100	14.59000	6.00110	-.98436	6.81530	.07060	.07036	.05682	427.32000	12.66100	.07482
7.481	1.300	14.59200	6.00100	-.98605	6.81210	.07028	.07044	.05670	427.11000	12.65500	.07466
7.516	1.500	14.59600	6.00100	-.98793	6.83060	.06980	.07039	.05650	428.26000	12.69000	.07432
7.489	1.700	14.59800	6.00100	-.98962	6.81290	.06914	.07017	.05605	427.14000	12.65700	.07389
7.484	1.900	14.60300	6.00090	-.99157	6.80880	.06874	.07000	.05577	426.87000	12.64900	.07355
7.487	2.100	14.60600	6.00090	-.99339	6.81680	.06892	.06996	.05604	427.36000	12.66400	.07373
7.483	2.300	14.61200	6.00080	-.99534	6.82000	.06927	.07004	.05648	427.54000	12.67000	.07416
7.485	2.500	14.61500	6.00080	-.99712	6.82680	.06982	.07021	.05663	427.96000	12.68200	.07466
7.485	2.700	14.61900	6.00070	-.99921	6.82730	.07013	.07063	.05657	427.98000	12.68300	.07489
7.502	2.900	14.62100	6.00070	-.100100	6.82420	.07019	.07120	.05636	427.77000	12.67800	.07484
7.491	3.100	14.62700	6.00070	-.100320	6.81840	.07024	.07159	.05634	427.39000	12.66700	.07473
7.484	3.300	14.62900	6.00060	-.100510	6.81380	.07019	.07152	.05608	427.09000	12.65800	.07451
7.473	3.500	14.63400	6.00060	-.100700	6.80960	.07011	.07132	.05573	426.82000	12.65000	.07423
7.471	3.700	14.63700	6.00050	-.100910	6.80850	.06975	.07077	.05546	426.74000	12.64800	.07358
7.446	3.900	14.64000	6.00050	-.101110	6.79500	.06915	.06999	.05481	425.87000	12.62300	.07259

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OA257 (LARC 20-M6-6559) DV102 LESS VERT. TAIL

(S7E1C1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2374/0 RN/L = 7.49 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.426	4.100	14.63700	6.00040	-1.01270	6.76700	.06865	.06951	.05414	424.11000	12.57100	.07179
	GRADIENT	.01443	-.00019	-.00874	-.02684	-.00239	-.00197	-.00435	-1.74858	-.04957	-.00366

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC2) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 370/0 RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.555	-4.458	19.17800	5.99090	-1.22380	6.85200	.07183	.07177	.06092	426.62000	12.73000	.07554
7.535	-4.300	19.18900	5.99110	-1.22580	6.83310	.07179	.07174	.06099	425.49000	12.69500	.07556
7.543	-4.100	19.19200	5.99120	-1.22760	6.84630	.07166	.07168	.06101	426.35000	12.71900	.07540
7.555	-3.900	19.19300	5.99130	-1.22910	6.85730	.07167	.07166	.06109	427.06000	12.73900	.07527
7.543	-3.700	19.19700	5.99140	-1.23130	6.84850	.07179	.07186	.06137	426.55000	12.72300	.07544
7.542	-3.500	19.20000	5.99150	-1.23340	6.85210	.07200	.07207	.06167	426.80000	12.73000	.07568
7.543	-3.300	19.20500	5.99160	-1.23530	6.85420	.07221	.07227	.06181	426.96000	12.73400	.07604
7.539	-3.100	19.20900	5.99170	-1.23760	6.84840	.07236	.07244	.06186	426.64000	12.72300	.07644
7.536	-2.900	19.21400	5.99190	-1.23970	6.84720	.07261	.07279	.06199	426.59000	12.72100	.07691
7.530	-2.700	19.21900	5.99200	-1.24180	6.84580	.07294	.07309	.06214	426.54000	12.71800	.07756
7.548	-2.500	19.22500	5.99210	-1.24410	6.85240	.07331	.07354	.06203	426.98000	12.73000	.07807
7.541	-2.300	19.22800	5.99220	-1.24600	6.84600	.07377	.07393	.06185	426.61000	12.71900	.07855
7.555	-2.100	19.23300	5.99230	-1.24820	6.85070	.07416	.07417	.06144	426.94000	12.72700	.07886
7.560	-1.900	19.23700	5.99240	-1.25050	6.85050	.07456	.07440	.06103	426.96000	12.72700	.07913
7.550	-1.700	19.24100	5.99250	-1.25270	6.84920	.07483	.07447	.06079	426.91000	12.72400	.07935
7.544	-1.500	19.24600	5.99260	-1.25480	6.84880	.07507	.07451	.06052	426.92000	12.72400	.07981
7.548	-1.300	19.25100	5.99270	-1.25720	6.84090	.07557	.07476	.06030	426.45000	12.70900	.08039
7.571	-1.100	19.26000	5.99280	-1.25930	6.86780	.07612	.07482	.06013	428.16000	12.75900	.08112
7.553	-.900	19.26400	5.99290	-1.26170	6.86650	.07670	.07472	.06011	428.11000	12.75600	.08175
7.557	-.700	19.27000	5.99300	-1.26380	6.87200	.07715	.07434	.05999	428.49000	12.76700	.08191
7.549	-.500	19.27400	5.99310	-1.26600	6.86000	.07748	.07393	.05985	427.78000	12.74400	.08202
7.551	-.300	19.27800	5.99330	-1.26830	6.85260	.07754	.07363	.05951	427.35000	12.73100	.08200
7.542	-.100	19.28300	5.99340	-1.27060	6.84980	.07744	.07357	.05914	427.20000	12.72500	.08210
7.558	-.100	19.28800	5.99350	-1.27280	6.86160	.07724	.07382	.05865	427.97000	12.74700	.08199
7.562	.300	19.29300	5.99360	-1.27500	6.86530	.07718	.07408	.05842	428.24000	12.75400	.08187
7.564	.500	19.29800	5.99370	-1.27720	6.86460	.07698	.07390	.05881	428.22000	12.75300	.08163
7.560	.700	19.30300	5.99380	-1.27960	6.86230	.07655	.07316	.05951	428.12000	12.74900	.08140
7.574	.900	19.31300	5.99390	-1.28220	6.88320	.07648	.07264	.06034	429.45000	12.78700	.08157
7.547	1.100	19.31400	5.99400	-1.28450	6.85900	.07674	.07261	.06121	427.97000	12.74300	.08192
7.546	1.300	19.31600	5.99410	-1.28690	6.85020	.07702	.07259	.06177	427.45000	12.72600	.08202
7.544	1.500	19.32000	5.99420	-1.28900	6.85010	.07722	.07261	.06200	427.48000	12.72600	.08203
7.555	1.700	19.32600	5.99440	-1.29160	6.84400	.07733	.07261	.06213	427.13000	12.71500	.08191
7.566	1.900	19.33300	5.99450	-1.29400	6.85870	.07736	.07283	.06219	428.08000	12.74200	.08179
7.555	2.100	19.33600	5.99460	-1.29640	6.85650	.07761	.07338	.06255	427.98000	12.73800	.08187
7.548	2.300	19.33900	5.99470	-1.29900	6.84580	.07788	.07425	.06290	427.35000	12.71800	.08210
7.550	2.500	19.34600	5.99480	-1.30140	6.85600	.07792	.07506	.06298	428.02000	12.73700	.08224
7.565	2.700	19.35300	5.99490	-1.30420	6.87650	.07795	.07573	.06301	429.33000	12.77500	.08241
7.573	2.900	19.35700	5.99500	-1.30660	6.87950	.07799	.07613	.06330	429.55000	12.78100	.08266
7.579	3.100	19.36100	5.99510	-1.30930	6.87790	.07792	.07619	.06354	429.48000	12.77800	.08274
7.582	3.300	19.36600	5.99530	-1.31190	6.86470	.07758	.07613	.06334	428.69000	12.75300	.08272
7.602	3.500	19.37300	5.99540	-1.31450	6.87760	.07727	.07596	.06281	429.53000	12.77700	.08248
7.592	3.700	19.37700	5.99550	-1.31710	6.88140	.07700	.07585	.06215	429.80000	12.78400	.08234

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC2) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XOF
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YOF
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZOF
SCALE =	.0100		

PARAMETRIC DATA

ALPHA	=	20.000	PHI	=	.000
AILRON	=	.000	YP	=	1.000
IS	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	1.000			

RUN NO. 370/ Q RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.583	3.900	19.38300	5.99560	-1.31970	6.88140	.07695	.07567	.06146	429.83000	12.78400	.08222
	GRADIENT	.02429	.00057	-.01119	-.01041	-.00054	.00021	-.00128	.80572	.01943	-.00035

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7E1C2) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = .1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 AILRDN = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2370/ O RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.549	-4.400	19.18100	5.99100	-1.22440	6.84130	.07184	.07176	.06096	425.99000	12.71000	.07556
7.534	-4.200	19.19100	5.99120	-1.22680	6.83600	.07174	.07168	.06101	425.69000	12.70000	.07549
7.546	-4.000	19.19200	5.99130	-1.22850	6.84900	.07165	.07163	.06103	426.53000	12.72400	.07534
7.551	-3.800	19.19400	5.99140	-1.23010	6.85490	.07173	.07176	.06120	426.93000	12.73500	.07537
7.539	-3.600	19.19700	5.99150	-1.23230	6.84610	.07188	.07196	.06151	426.41000	12.71900	.07556
7.545	-3.400	19.20100	5.99160	-1.23420	6.85680	.07208	.07216	.06180	427.11000	12.73900	.07586
7.542	-3.200	19.20700	5.99170	-1.23630	6.85310	.07227	.07234	.06184	426.91000	12.73200	.07623
7.536	-3.000	19.21200	5.99180	-1.23860	6.84790	.07247	.07256	.06193	426.62000	12.72200	.07666
7.531	-2.800	19.21600	5.99190	-1.24070	6.84550	.07277	.07294	.06203	426.50000	12.71800	.07727
7.539	-2.600	19.22100	5.99200	-1.24290	6.84960	.07310	.07333	.06207	426.79000	12.72500	.07783
7.552	-2.400	19.22600	5.99210	-1.24500	6.85640	.07352	.07375	.06195	427.24000	12.73800	.07834
7.546	-2.200	19.23000	5.99220	-1.24720	6.84640	.07397	.07400	.06168	426.65000	12.71900	.07871
7.547	-2.000	19.23400	5.99230	-1.24920	6.84660	.07435	.07431	.06126	426.70000	12.72000	.07899
7.563	-1.800	19.24100	5.99240	-1.25160	6.85290	.07473	.07446	.06091	427.12000	12.73100	.07922
7.538	-1.600	19.24400	5.99250	-1.25390	6.84170	.07490	.07447	.06064	426.45000	12.71000	.07958
7.536	-1.400	19.24800	5.99270	-1.25600	6.84190	.07528	.07466	.06037	426.50000	12.71100	.08008
7.567	-1.200	19.25600	5.99280	-1.25820	6.85440	.07586	.07479	.06018	427.31000	12.73400	.08077
7.572	-1.000	19.26400	5.99290	-1.26050	6.87880	.07639	.07479	.06011	428.87000	12.77900	.08145
7.551	-.800	19.26700	5.99300	-1.26280	6.86740	.07693	.07458	.06004	428.18000	12.75800	.08183
7.556	-.600	19.27400	5.99310	-1.26500	6.87020	.07735	.07415	.05992	428.39000	12.76300	.08198
7.545	-.400	19.27400	5.99320	-1.26720	6.84960	.07751	.07378	.05978	427.14000	12.72500	.08200
7.548	-.200	19.27900	5.99330	-1.26920	6.85360	.07754	.07356	.05934	427.43000	12.73300	.08208
7.554	.000	19.28500	5.99340	-1.27170	6.85840	.07732	.07363	.05890	427.76000	12.74100	.08205
7.562	.200	19.29100	5.99350	-1.27380	6.86660	.07725	.07395	.05841	428.30000	12.75700	.08197
7.557	.400	19.29600	5.99360	-1.27620	6.86000	.07711	.07408	.05859	427.92000	12.74400	.08176
7.560	.600	19.30200	5.99380	-1.27860	6.86260	.07676	.07359	.05913	428.11000	12.74900	.08154
7.564	.800	19.30900	5.99390	-1.28100	6.86840	.07642	.07286	.05991	428.51000	12.76000	.08143
7.560	1.000	19.31300	5.99400	-1.28340	6.87290	.07658	.07261	.06083	428.83000	12.76800	.08175
7.542	1.200	19.31300	5.99410	-1.28550	6.85000	.07689	.07258	.06151	427.43000	12.72600	.08202
7.547	1.400	19.31900	5.99420	-1.28800	6.85150	.07713	.07257	.06189	427.55000	12.72900	.08203
7.546	1.600	19.32300	5.99430	-1.29040	6.84370	.07729	.07265	.06211	427.10000	12.71400	.08202
7.563	1.800	19.32800	5.99440	-1.29280	6.85350	.07729	.07268	.06213	427.74000	12.73200	.08182
7.553	2.000	19.33200	5.99450	-1.29510	6.85200	.07749	.07307	.06240	427.68000	12.73000	.08180
7.553	2.200	19.33600	5.99460	-1.29750	6.85220	.07776	.07383	.06276	427.73000	12.73000	.08199
7.553	2.400	19.34300	5.99480	-1.30020	6.85300	.07791	.07466	.06293	427.81000	12.73100	.08216
7.558	2.600	19.35000	5.99490	-1.30280	6.86840	.07794	.07542	.06296	428.81000	12.76000	.08229
7.562	2.800	19.35500	5.99500	-1.30530	6.87330	.07799	.07600	.06316	429.15000	12.76900	.08255
7.571	3.000	19.36100	5.99510	-1.30800	6.87610	.07798	.07620	.06345	429.35000	12.77400	.08276
7.585	3.200	19.36400	5.99520	-1.31060	6.87450	.07776	.07618	.06349	429.29000	12.77100	.08275
7.594	3.400	19.36900	5.99530	-1.31310	6.87070	.07739	.07602	.06304	429.08000	12.76400	.08255
7.599	3.600	19.37600	5.99540	-1.31620	6.88320	.07710	.07588	.06239	429.90000	12.78700	.08241
7.587	3.800	19.38000	5.99550	-1.31840	6.88310	.07696	.07573	.06179	429.93000	12.78700	.08226

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7E1C2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2370/0 RN/L = 7.56 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.582	3.944	19.38500	5.99560	-1.32030	6.88150	.07694	.07563	.06128	429.85000	12.78400	.08219
	GRADIENT	.02500	.00055	-.01132	.00196	-.00051	-.00012	-.00101	.28393	.00357	-.00034

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DA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC3) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF =	2690.0000 SQ. FT.	XMRP =	1076.6800 IN. X0
LREF =	474.8100 INCHES	YMRP =	.0000 IN. Y0
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. Z0
SCALE =	.0100		

ALPHA	=	20.000	PHI	=	.000
AILRON	=	.000	YP	=	1.000
IS	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	1.000			

RUN NO. 376/ O RN/L = 2.42 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.483	-2.472	19.69200	5.94970	-1.32500	2.52370	.02689	.02749	.02771	152.71000	4.68920	.02964
2.478	-2.405	19.69200	5.95060	-1.32510	2.49450	.02657	.02739	.02760	151.03000	4.63500	.02931
2.474	-2.165	19.69600	5.95080	-1.32610	2.49200	.02656	.02733	.02749	150.90000	4.63030	.02926
2.473	-1.942	19.70000	5.95090	-1.32670	2.48730	.02657	.02730	.02749	150.63000	4.62160	.02931
2.461	-1.738	19.69900	5.95110	-1.32730	2.48050	.02662	.02727	.02749	150.23000	4.60880	.02932
2.447	-1.537	19.70400	5.95120	-1.32790	2.47550	.02663	.02727	.02760	149.95000	4.59960	.02937
2.436	-1.342	19.71300	5.95140	-1.32910	2.46980	.02663	.02727	.02749	149.62000	4.58900	.02931
2.437	-1.138	19.71800	5.95160	-1.33000	2.46950	.02668	.02721	.02749	149.62000	4.58840	.02937
2.433	-.954	19.72200	5.95170	-1.33070	2.46570	.02672	.02702	.02738	149.40000	4.58130	.02938
2.425	-.772	19.72600	5.95190	-1.33130	2.46240	.02662	.02699	.02727	149.22000	4.57530	.02919
2.411	-.575	19.73000	5.95200	-1.33220	2.45940	.02651	.02687	.02727	149.05000	4.56970	.02906
2.401	-.394	19.73400	5.95220	-1.33270	2.45640	.02646	.02681	.02705	148.89000	4.56410	.02900
2.392	-.204	19.73800	5.95230	-1.33360	2.45450	.02641	.02684	.02705	148.79000	4.56060	.02899
2.394	-.017	19.74300	5.95250	-1.33440	2.45340	.02640	.02678	.02705	148.74000	4.55860	.02900
2.393	.166	19.74700	5.95260	-1.33520	2.45180	.02651	.02690	.02738	148.65000	4.55560	.02913
2.386	.345	19.75600	5.95270	-1.33640	2.44830	.02668	.02703	.02749	148.45000	4.54900	.02925
2.381	.532	19.75500	5.95290	-1.33680	2.44690	.02673	.02699	.02771	148.39000	4.54650	.02931
2.379	.718	19.76400	5.95300	-1.33800	2.44530	.02684	.02699	.02782	148.30000	4.54350	.02938
2.377	.897	19.76900	5.95320	-1.33880	2.44370	.02695	.02699	.02803	148.22000	4.54050	.02944
2.371	1.081	19.76800	5.95330	-1.33930	2.44210	.02695	.02699	.02814	148.14000	4.53750	.02951
2.376	1.268	19.77800	5.95350	-1.34060	2.44320	.02705	.02693	.02836	148.22000	4.53960	.02964
2.376	1.444	19.77600	5.95360	-1.34100	2.43890	.02722	.02699	.02858	147.97000	4.53150	.02983
2.372	1.620	19.78500	5.95380	-1.34220	2.44000	.02749	.02706	.02869	148.06000	4.53360	.03008
2.367	1.796	19.78900	5.95390	-1.34320	2.43650	.02772	.02718	.02891	147.86000	4.52710	.03039
GRADIENT		.02475	.00077	-.00441	-.01091	.00023	.00017	.00049	-.58005	-.02027	.00027

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC4) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 2.000

RUN NO. 1376/0 RN/L = 2.34 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.343	-2.237	19.69500	5.96540	-1.32590	2.48150	.02673	.02730	.02749	151.79000	4.61050	.02931
2.354	-2.073	19.69900	5.96480	-1.32650	2.48080	.02679	.02727	.02749	151.69000	4.60920	.02944
2.368	-1.881	19.70800	5.96420	-1.32750	2.48220	.02689	.02724	.02749	151.71000	4.61180	.02944
2.346	-1.706	19.70700	5.96360	-1.32770	2.47780	.02684	.02724	.02738	151.38000	4.60370	.02938
2.364	-1.496	19.71200	5.96300	-1.32850	2.48190	.02672	.02696	.02716	151.56000	4.61120	.02932
2.354	-1.274	19.72200	5.96240	-1.32980	2.47460	.02651	.02665	.02683	151.06000	4.59780	.02894
2.343	-1.019	19.72600	5.96190	-1.33070	2.46310	.02624	.02638	.02661	150.30000	4.57640	.02855
2.320	-.692	19.72400	5.96130	-1.33180	2.42890	.02613	.02647	.02683	148.15000	4.51290	.02855
2.315	-.472	19.73400	5.96070	-1.33290	2.41440	.02657	.02690	.02760	147.21000	4.48590	.02899
2.301	-.180	19.73600	5.96010	-1.33380	2.41570	.02684	.02699	.02803	147.22000	4.48830	.02931
2.307	.068	19.74600	5.95950	-1.33520	2.41400	.02700	.02699	.02836	147.06000	4.48520	.02951
2.334	.317	19.75200	5.95890	-1.33630	2.41770	.02705	.02687	.02847	147.22000	4.49200	.02951
2.323	.561	19.75300	5.95830	-1.33700	2.41730	.02705	.02699	.02847	147.14000	4.49140	.02964
2.334	.796	19.76400	5.95760	-1.33850	2.41960	.02722	.02690	.02880	147.21000	4.49560	.02982
2.354	1.034	19.77000	5.95700	-1.33950	2.42360	.02754	.02693	.02891	147.39000	4.50300	.03015
2.359	1.253	19.77500	5.95630	-1.34050	2.42440	.02803	.02715	.02924	147.37000	4.50460	.03065
2.345	1.489	19.78200	5.95570	-1.34160	2.42980	.02819	.02724	.02935	147.64000	4.51460	.03091
2.361	1.756	19.78800	5.95510	-1.34310	2.43070	.02836	.02733	.02957	147.62000	4.51630	.03117
	GRADIENT	.02102	-.00234	-.00417	.00303	.00047	.00003	.00086	-.05523	.00572	.00058

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC5) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XD
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 371 / 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.502	-4.556	24.07900	5.98570	-1.51290	6.82120	.08205	.07525	.06363	423.18000	12.67300	.08618
7.500	-4.400	24.08300	5.98590	-1.51460	6.82050	.08210	.07535	.06363	423.17000	12.67100	.08627
7.516	-4.200	24.08900	5.98600	-1.51710	6.82800	.08238	.07591	.06389	423.67000	12.68500	.08650
7.520	-4.000	24.09400	5.98610	-1.51960	6.83300	.08270	.07662	.06431	424.01000	12.69500	.08694
7.530	-3.800	24.10200	5.98620	-1.52170	6.85180	.08307	.07714	.06461	425.22000	12.73000	.08749
7.534	-3.600	24.10800	5.98630	-1.52420	6.86240	.08341	.07741	.06486	425.92000	12.74900	.08786
7.554	-3.400	24.11500	5.98650	-1.52670	6.87060	.08353	.07741	.06488	426.46000	12.76400	.08791
7.548	-3.200	24.11900	5.98660	-1.52920	6.86940	.08350	.07733	.06497	426.43000	12.76200	.08776
7.550	-3.000	24.12600	5.98670	-1.53210	6.86670	.08340	.07718	.06494	426.30000	12.75700	.08759
7.562	-2.800	24.13400	5.98680	-1.53470	6.87260	.08348	.07715	.06507	426.69000	12.76800	.08766
7.563	-2.600	24.14000	5.98700	-1.53750	6.87600	.08357	.07733	.06553	426.94000	12.77400	.08783
7.577	-2.400	24.14700	5.98710	-1.54000	6.88110	.08372	.07752	.06602	427.29000	12.78400	.08797
7.581	-2.200	24.15300	5.98720	-1.54270	6.88360	.08379	.07763	.06633	427.48000	12.78800	.08804
7.572	-2.000	24.16100	5.98730	-1.54550	6.88650	.08377	.07760	.06647	427.70000	12.79400	.08805
7.563	-1.800	24.16400	5.98750	-1.54800	6.88060	.08369	.07745	.06655	427.37000	12.78300	.08806
7.557	-1.600	24.17000	5.98760	-1.55090	6.87670	.08381	.07723	.06666	427.16000	12.77600	.08823
7.551	-1.400	24.17900	5.98770	-1.55370	6.88200	.08395	.07701	.06698	427.53000	12.78500	.08852
7.546	-1.200	24.18300	5.98780	-1.55620	6.87130	.08389	.07686	.06728	426.91000	12.76600	.08855
7.532	-1.000	24.18500	5.98800	-1.55890	6.86390	.08342	.07670	.06743	426.48000	12.75200	.08831
7.516	-.800	24.19000	5.98810	-1.56150	6.85520	.08267	.07684	.06696	425.98000	12.73600	.08779
7.506	-.600	24.19600	5.98820	-1.56430	6.84000	.08170	.07682	.06583	425.07000	12.70800	.08673
7.489	-.400	24.19800	5.98830	-1.56700	6.82110	.08118	.07672	.06489	423.93000	12.67200	.08614
7.478	-.200	24.20500	5.98850	-1.56980	6.81650	.08127	.07704	.06464	423.68000	12.66400	.08628
7.488	.000	24.21000	5.98860	-1.57230	6.82910	.08178	.07763	.06507	424.50000	12.68700	.08717
7.456	.200	24.21400	5.98870	-1.57500	6.80940	.08205	.07809	.06568	423.32000	12.65100	.08807
7.451	.400	24.21800	5.98880	-1.57780	6.80490	.08239	.07824	.06606	423.08000	12.64200	.08853
7.450	.600	24.22500	5.98900	-1.58080	6.80670	.08262	.07818	.06599	423.22000	12.64600	.08843
7.472	.800	24.23200	5.98910	-1.58360	6.82670	.08237	.07814	.06558	424.50000	12.68300	.08798
7.484	1.000	24.24000	5.98920	-1.58630	6.84250	.08192	.07833	.06511	425.52000	12.71200	.08746
7.509	1.200	24.25000	5.98930	-1.58940	6.85540	.08141	.07852	.06459	426.36000	12.73600	.08697
7.494	1.400	24.25300	5.98950	-1.59220	6.84440	.08102	.07863	.06386	425.71000	12.71600	.08661
7.519	1.600	24.25900	5.98960	-1.59520	6.85220	.08071	.07839	.06307	426.24000	12.73000	.08634
7.510	1.800	24.26400	5.98970	-1.59800	6.84770	.08043	.07801	.06245	425.99000	12.72200	.08636
7.508	2.000	24.27400	5.98980	-1.60140	6.86560	.08001	.07750	.06177	427.15000	12.75500	.08649
7.517	2.200	24.27600	5.99000	-1.60440	6.86160	.07960	.07704	.06104	426.93000	12.74700	.08652
7.526	2.400	24.28600	5.99010	-1.60760	6.86830	.07950	.07693	.06035	427.39000	12.76000	.08658
7.505	2.600	24.29100	5.99020	-1.61080	6.86490	.07928	.07664	.05988	427.22000	12.75400	.08661
7.499	2.800	24.29500	5.99040	-1.61390	6.86390	.07878	.07605	.05956	427.19000	12.75200	.08671
7.493	3.000	24.30200	5.99050	-1.61700	6.86070	.07843	.07532	.05943	427.03000	12.74600	.08685
7.502	3.200	24.30600	5.99060	-1.62010	6.87010	.07872	.07509	.05928	427.65000	12.76300	.08686
7.497	3.400	24.31300	5.99070	-1.62360	6.86570	.07935	.07536	.05909	427.41000	12.75500	.08682
7.500	3.600	24.31500	5.99090	-1.62660	6.86490	.07995	.07554	.05878	427.40000	12.75400	.08658

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 371/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L 7.527	BETA 3.800	ALPHA 24.32000	MACH 5.99100	PHI -1.62980	Q 6.85820	BP1 .08028	BP2 .07574	BP3 .05859	PT1 427.03000	PT2 12.74100	PSC .08631
	GRADIENT	.02429	.00064	-.01363	-.02489	.00106	.00145	.00069	-1.35892	-.04625	.00208

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7E1C5) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 AILRDN = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2371/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.497	-4.500	24.08000	5.98580	-1.51340	6.81880	.08208	.07529	.06361	423.05000	12.66800	.08623
7.508	-4.300	24.08800	5.98590	-1.51600	6.82280	.08219	.07558	.06372	423.33000	12.67600	.08638
7.519	-4.100	24.09100	5.98600	-1.51830	6.82720	.08254	.07625	.06401	423.64000	12.68400	.08668
7.526	-3.900	24.09900	5.98620	-1.52080	6.84350	.08288	.07692	.06447	424.69000	12.71400	.08720
7.532	-3.700	24.10700	5.98630	-1.52300	6.85870	.08327	.07731	.06477	425.66000	12.74200	.08769
7.543	-3.500	24.11100	5.98640	-1.52550	6.86530	.08348	.07739	.06493	426.11000	12.75500	.08790
7.546	-3.300	24.11600	5.98650	-1.52800	6.86470	.08355	.07742	.06496	426.12000	12.75400	.08787
7.546	-3.100	24.12000	5.98670	-1.53060	6.86830	.08343	.07726	.06491	426.37000	12.76000	.08765
7.563	-2.900	24.13200	5.98680	-1.53350	6.87250	.08341	.07714	.06495	426.67000	12.76800	.08757
7.558	-2.700	24.13600	5.98690	-1.53600	6.87160	.08353	.07722	.06528	426.65000	12.76600	.08773
7.567	-2.500	24.14400	5.98700	-1.53880	6.87970	.08367	.07745	.06579	427.19000	12.78100	.08788
7.579	-2.300	24.14900	5.98710	-1.54120	6.88200	.08377	.07761	.06620	427.37000	12.78600	.08802
7.574	-2.100	24.15700	5.98730	-1.54400	6.88340	.08378	.07764	.06642	427.49000	12.78800	.08806
7.568	-1.900	24.16300	5.98740	-1.54690	6.88430	.08372	.07752	.06655	427.58000	12.79000	.08805
7.564	-1.700	24.16800	5.98750	-1.54940	6.87960	.08372	.07731	.06652	427.33000	12.78100	.08810
7.549	-1.500	24.17200	5.98760	-1.55220	6.87660	.08389	.07712	.06682	427.18000	12.77500	.08837
7.532	-1.300	24.17800	5.98780	-1.55480	6.86640	.08400	.07692	.06721	426.59000	12.75700	.08862
7.543	-1.100	24.18600	5.98790	-1.55760	6.87000	.08370	.07677	.06741	426.84000	12.76300	.08844
7.529	-.900	24.18700	5.98800	-1.56010	6.86420	.08308	.07675	.06728	426.52000	12.75200	.08812
7.507	-.700	24.19300	5.98810	-1.56300	6.84600	.08214	.07687	.06638	425.42000	12.71900	.08720
7.498	-.500	24.19700	5.98830	-1.56570	6.82880	.08133	.07674	.06527	424.39000	12.68700	.08635
7.482	-.300	24.20100	5.98840	-1.56830	6.81740	.08117	.07681	.06471	423.72000	12.66600	.08609
7.482	-.100	24.20500	5.98850	-1.57090	6.82080	.08150	.07729	.06480	423.97000	12.67200	.08664
7.467	.100	24.21300	5.98860	-1.57370	6.81550	.08197	.07794	.06543	423.67000	12.66200	.08770
7.455	.300	24.21700	5.98880	-1.57640	6.80900	.08218	.07820	.06601	423.31000	12.65000	.08837
7.452	.500	24.22300	5.98890	-1.57940	6.80650	.08254	.07821	.06608	423.19000	12.64500	.08850
7.449	.700	24.22800	5.98900	-1.58210	6.80760	.08255	.07814	.06578	423.30000	12.64700	.08825
7.479	.900	24.23800	5.98910	-1.58490	6.83650	.08216	.07818	.06533	425.13000	12.70100	.08773
7.495	1.100	24.24400	5.98930	-1.58780	6.84990	.08164	.07843	.06486	426.00000	12.72600	.08722
7.498	1.300	24.25200	5.98940	-1.59080	6.84640	.08119	.07864	.06433	425.82000	12.71900	.08677
7.505	1.500	24.25700	5.98950	-1.59380	6.84850	.08085	.07849	.06346	425.99000	12.72300	.08644
7.522	1.700	24.26400	5.98970	-1.59690	6.85090	.08058	.07822	.06272	426.18000	12.72800	.08634
7.502	1.900	24.27000	5.98980	-1.59980	6.85230	.08027	.07783	.06214	426.30000	12.73000	.08643
7.501	2.100	24.27600	5.98990	-1.60290	6.86100	.07975	.07721	.06140	426.88000	12.74600	.08651
7.533	2.300	24.28500	5.99000	-1.60610	6.86710	.07957	.07701	.06070	427.29000	12.75800	.08658
7.513	2.500	24.28800	5.99020	-1.60920	6.86610	.07942	.07682	.06006	427.27000	12.75600	.08657
7.502	2.700	24.29400	5.99030	-1.61250	6.86150	.07907	.07644	.05973	427.02000	12.74700	.08667
7.502	2.900	24.30100	5.99040	-1.61560	6.86870	.07853	.07562	.05946	427.51000	12.76100	.08680
7.494	3.100	24.30400	5.99050	-1.61860	6.86360	.07848	.07509	.05933	427.23000	12.75100	.08685
7.505	3.300	24.31200	5.99070	-1.62200	6.87500	.07903	.07520	.05917	427.97000	12.77200	.08686
7.495	3.500	24.31400	5.99080	-1.62480	6.86150	.07962	.07545	.05892	427.17000	12.74700	.08673
7.511	3.700	24.31700	5.99090	-1.62820	6.85640	.08015	.07571	.05873	426.89000	12.73800	.08649

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7E1C5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2371/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.521	3.853	24.31900	5.99100	-1.63040	6.85140	.08035	.07575	.05854	426.61000	12.72800	.08619
	GRADIENT	.02657	.00061	-.01366	-.02029	.00136	.00174	.00123	-1.07571	-.03829	.00267

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC6) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 377/0 RN/L = 2.30 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.292	-2.542	24.58600	5.95610	-1.63380	2.46820	.02842	.02859	.02640	150.02000	4.58600	.03148
2.290	-2.492	24.59300	5.95640	-1.63430	2.46810	.02836	.02862	.02640	150.03000	4.58580	.03155
2.283	-2.216	24.59600	5.95650	-1.63510	2.46780	.02841	.02862	.02640	150.03000	4.58520	.03149
2.286	-1.979	24.60900	5.95670	-1.63650	2.47050	.02835	.02853	.02640	150.22000	4.59020	.03136
2.296	-1.728	24.60900	5.95690	-1.63720	2.47150	.02835	.02859	.02640	150.30000	4.59220	.03136
2.295	-1.439	24.61900	5.95710	-1.63850	2.47550	.02845	.02844	.02661	150.56000	4.59960	.03143
2.287	-1.223	24.63100	5.95730	-1.64000	2.47500	.02846	.02835	.02672	150.55000	4.59860	.03136
2.294	-1.039	24.63100	5.95740	-1.64050	2.47720	.02852	.02819	.02673	150.70000	4.60270	.03142
2.300	-.841	24.63700	5.95760	-1.64150	2.47750	.02845	.02795	.02683	150.73000	4.60320	.03143
2.303	-.665	24.64800	5.95770	-1.64280	2.47700	.02868	.02804	.02705	150.71000	4.60230	.03162
2.301	-.474	24.64100	5.95780	-1.64280	2.47510	.02879	.02819	.02716	150.61000	4.59880	.03174
2.226	-.297	24.63000	5.95220	-1.64420	2.34400	.02776	.02675	.02618	142.07000	4.35530	.03079
2.297	-.111	24.66400	5.95810	-1.64530	2.47610	.02874	.02807	.02738	150.70000	4.60050	.03168
2.293	.059	24.66900	5.95820	-1.64620	2.47860	.02874	.02819	.02716	150.86000	4.60520	.03180
2.298	.237	24.67400	5.95840	-1.64700	2.47970	.02890	.02844	.02716	150.95000	4.60730	.03187
2.296	.410	24.68500	5.95850	-1.64820	2.48090	.02879	.02844	.02705	151.03000	4.60940	.03187
2.301	.575	24.68500	5.95860	-1.64890	2.48200	.02841	.02838	.02683	151.11000	4.61160	.03168
2.300	.741	24.69000	5.95870	-1.64980	2.48480	.02830	.02835	.02661	151.30000	4.61680	.03149
2.295	.908	24.69400	5.95890	-1.65070	2.48430	.02820	.02844	.02662	151.28000	4.61590	.03149
2.300	1.069	24.70000	5.95900	-1.65160	2.48570	.02803	.02835	.02650	151.38000	4.61850	.03149
2.306	1.233	24.69800	5.95910	-1.65240	2.48550	.02797	.02835	.02640	151.38000	4.61810	.03143
2.307	1.395	24.71000	5.95920	-1.65350	2.48530	.02792	.02829	.02629	151.38000	4.61770	.03143
2.310	1.558	24.71500	5.95930	-1.65450	2.48780	.02792	.02835	.02640	151.54000	4.62240	.03155
2.306	1.715	24.72400	5.95940	-1.65600	2.48600	.02798	.02850	.02651	151.44000	4.61900	.03174
2.320	1.868	24.72500	5.96010	-1.65670	2.49340	.02857	.02859	.02629	151.96000	4.63260	.03194
GRADIENT	.05150	.00314	-.00571	.06117	.00023	.00088	.00012	4.03616	.11356	.00045	

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC7) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 2.000

RUN NO. 1377/0 RN/L = 2.29 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.285	-2.401	24.58700	5.97160	-1.63440	2.44510	.02916	.02853	.02683	150.22000	4.54280	.03200
2.276	-2.237	24.59800	5.97110	-1.63540	2.44590	.02922	.02847	.02683	150.22000	4.54430	.03207
2.283	-2.057	24.60300	5.97060	-1.63620	2.44650	.02917	.02844	.02705	150.20000	4.54540	.03212
2.283	-1.876	24.60800	5.97010	-1.63700	2.44620	.02916	.02822	.02716	150.13000	4.54500	.03213
2.272	-1.703	24.60800	5.96960	-1.63750	2.44440	.02916	.02816	.02760	149.97000	4.54160	.03226
2.284	-1.521	24.62400	5.96910	-1.63910	2.44390	.02906	.02810	.02771	149.88000	4.54070	.03213
2.283	-1.331	24.62500	5.96860	-1.63950	2.44480	.02895	.02810	.02749	149.88000	4.54230	.03200
2.279	-1.139	24.63000	5.96810	-1.64040	2.44700	.02889	.02804	.02749	149.97000	4.54630	.03187
2.291	-.945	24.64100	5.96760	-1.64170	2.44520	.02879	.02798	.02749	149.80000	4.54300	.03181
2.277	-.774	24.64100	5.96710	-1.64210	2.44630	.02856	.02782	.02727	149.82000	4.54510	.03156
2.284	-.597	24.64600	5.96650	-1.64310	2.44590	.02818	.02770	.02716	149.73000	4.54440	.03137
2.278	-.429	24.65200	5.96600	-1.64370	2.45060	.02819	.02798	.02705	149.97000	4.55320	.03130
2.283	-.270	24.66100	5.96550	-1.64500	2.45090	.02836	.02847	.02695	149.93000	4.55370	.03161
2.290	-.104	24.66100	5.96510	-1.64540	2.45320	.02858	.02856	.02683	150.03000	4.55800	.03180
2.307	.077	24.66800	5.96460	-1.64650	2.46190	.02782	.02816	.02618	150.51000	4.57420	.03129
2.299	.250	24.67900	5.96410	-1.64780	2.46820	.02761	.02810	.02585	150.85000	4.58580	.03097
2.305	.439	24.68000	5.96370	-1.64830	2.47440	.02745	.02829	.02542	151.18000	4.59740	.03090
2.317	.632	24.69300	5.96320	-1.64970	2.48390	.02749	.02810	.02541	151.71000	4.61510	.03098
2.315	.805	24.69900	5.96270	-1.65060	2.49150	.02781	.02841	.02585	152.13000	4.62920	.03143
2.319	1.002	24.70600	5.96230	-1.65190	2.49640	.02824	.02890	.02650	152.38000	4.63830	.03213
2.322	1.186	24.70500	5.96170	-1.65250	2.49580	.02825	.02881	.02662	152.28000	4.63710	.03212
2.306	1.372	24.71000	5.96120	-1.65360	2.49580	.02840	.02881	.02661	152.23000	4.63720	.03213
2.307	1.560	24.71600	5.96070	-1.65480	2.49510	.02857	.02878	.02640	152.13000	4.63590	.03207
	GRADIENT	.03381	-.00272	-.00525	.02751	-.00083	.00034	-.00175	1.39917	.05111	-.00051

DATE 14 DEC 82

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DA257 (LARC 20-M6-6559) OV102 LESS VERT: TAIL

(S7EOC8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DTR = 1.000

RUN NO. 372/0 RN/L = 7.53 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.497	-4.735	29.02200	5.98450	-1.79080	6.86590	.09923	.08556	.07898	425.59000	12.75600	.10573
7.503	-4.600	29.03300	5.98460	-1.79300	6.86830	.09924	.08552	.07894	425.77000	12.76000	.10565
7.521	-4.400	29.03800	5.98480	-1.79580	6.87080	.09930	.08500	.07898	425.96000	12.76500	.10540
7.524	-4.200	29.04500	5.98490	-1.79860	6.87980	.09945	.08424	.07932	426.56000	12.78200	.10529
7.516	-4.000	29.05300	5.98500	-1.80150	6.88400	.09959	.08342	.07983	426.86000	12.78900	.10545
7.506	-3.800	29.05700	5.98510	-1.80470	6.87620	.09934	.08230	.07984	426.42000	12.77500	.10538
7.527	-3.600	29.06500	5.98530	-1.80780	6.87850	.09901	.08121	.07965	426.60000	12.77900	.10528
7.531	-3.400	29.07200	5.98540	-1.81090	6.87650	.09874	.08041	.07956	426.51000	12.77500	.10531
7.546	-3.200	29.08100	5.98550	-1.81380	6.88800	.09884	.08004	.07974	427.26000	12.79700	.10573
7.550	-3.000	29.08900	5.98570	-1.81700	6.89200	.09871	.08002	.07978	427.55000	12.80400	.10597
7.538	-2.800	29.09600	5.98580	-1.82030	6.88410	.09841	.08004	.07949	427.09000	12.78900	.10615
7.547	-2.600	29.10500	5.98590	-1.82330	6.89180	.09786	.08007	.07906	427.61000	12.80400	.10605
7.549	-2.400	29.11300	5.98600	-1.82650	6.89210	.09732	.08027	.07857	427.67000	12.80400	.10603
7.552	-2.200	29.12200	5.98620	-1.82950	6.90370	.09678	.08055	.07820	428.43000	12.82600	.10604
7.571	-2.000	29.13200	5.98630	-1.83270	6.91950	.09657	.08113	.07818	429.45000	12.85500	.10630
7.574	-1.800	29.13800	5.98640	-1.83580	6.91490	.09636	.08152	.07830	429.19000	12.84700	.10643
7.556	-1.600	29.14500	5.98660	-1.83910	6.90730	.09591	.08157	.07808	428.76000	12.83300	.10640
7.540	-1.400	29.15300	5.98670	-1.84220	6.90640	.09541	.08136	.07745	428.74000	12.83100	.10626
7.543	-1.200	29.15800	5.98680	-1.84530	6.90710	.09505	.08126	.07698	428.83000	12.83200	.10616
7.544	-1.000	29.16500	5.98690	-1.84870	6.90320	.09475	.08125	.07627	428.62000	12.82500	.10588
7.574	-.800	29.17600	5.98710	-1.85200	6.91150	.09474	.08139	.07576	429.18000	12.84000	.10575
7.562	-.600	29.18200	5.98720	-1.85520	6.91230	.09470	.08151	.07557	429.27000	12.84200	.10574
7.547	-.400	29.18500	5.98730	-1.85840	6.89740	.09455	.08157	.07516	428.38000	12.81400	.10557
7.549	-.200	29.19100	5.98750	-1.86180	6.89670	.09461	.08199	.07515	428.38000	12.81300	.10552
7.530	.000	29.19800	5.98760	-1.86520	6.88560	.09479	.08275	.07524	427.72000	12.79200	.10573
7.517	.200	29.20500	5.98770	-1.86860	6.88560	.09514	.08370	.07609	427.76000	12.79200	.10619
7.522	.400	29.21400	5.98790	-1.87210	6.89450	.09544	.08452	.07636	428.35000	12.80900	.10657
7.515	.600	29.22000	5.98800	-1.87550	6.88560	.09590	.08521	.07644	427.84000	12.79200	.10695
7.524	.800	29.22600	5.98810	-1.87890	6.89410	.09627	.08606	.07659	428.41000	12.80800	.10719
7.525	1.000	29.23100	5.98830	-1.88220	6.88620	.09686	.08754	.07681	427.96000	12.79300	.10743
7.537	1.200	29.24000	5.98840	-1.88560	6.89380	.09705	.08945	.07674	428.47000	12.80700	.10720
7.533	1.400	29.24700	5.98850	-1.88830	6.88880	.09611	.09108	.07550	428.19000	12.79800	.10598
7.525	1.600	29.25100	5.98860	-1.89290	6.88630	.09477	.09087	.07411	428.08000	12.79300	.10451
7.524	1.800	29.26100	5.98880	-1.89650	6.89020	.09393	.08978	.07295	428.36000	12.80100	.10349
7.520	2.000	29.26600	5.98890	-1.90020	6.88450	.09312	.08849	.07154	428.05000	12.79000	.10260
7.528	2.200	29.27800	5.98900	-1.90380	6.90270	.09256	.08752	.06982	429.22000	12.82400	.10197
7.524	2.400	29.28300	5.98920	-1.90770	6.90400	.09229	.08685	.06827	429.34000	12.82600	.10163
7.518	2.600	29.28700	5.98930	-1.91110	6.89100	.09224	.08640	.06655	428.57000	12.80200	.10143
7.523	2.800	29.29400	5.98940	-1.91490	6.89900	.09238	.08626	.06519	429.11000	12.81700	.10135
7.535	3.000	29.30100	5.98960	-1.91880	6.90890	.09228	.08674	.06443	429.76000	12.83500	.10156
7.550	3.200	29.31500	5.98970	-1.92280	6.93450	.09213	.08696	.06391	431.40000	12.88300	.10191
7.525	3.400	29.31400	5.98980	-1.92650	6.91230	.09187	.08680	.06389	430.05000	12.84200	.10227

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7EOC8) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

PARAMETRIC DATA

ALPHA	=	30.000	PHI	=	.000
AIRLON	=	.000	YP	=	1.000
1S	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	1.000			

RUN NO. 372/ O RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.524	3.600	29.31900	5.99000	-1.93030	6.90930	.09143	.08592	.06400	429.90000	12.83600	.10230
	GRADIENT	.03321	.00068	-.01698	-.01732	.00105	.00334	.00106	-.88750	-.03232	.00113

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7E1C8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DTR = 1.000

RUN NO. 2372/ O RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.496	-4.700	29.02600	5.98460	-1.79150	6.86550	.09928	.08556	.07906	425.58000	12.75500	.10571
7.519	-4.500	29.03600	5.98470	-1.79450	6.87220	.09921	.08530	.07887	426.04000	12.76700	.10549
7.519	-4.300	29.04100	5.98480	-1.79720	6.87120	.09933	.08467	.07914	426.01000	12.76600	.10530
7.519	-4.100	29.04800	5.98490	-1.79990	6.88260	.09960	.08393	.07965	426.76000	12.78700	.10545
7.506	-3.900	29.05600	5.98510	-1.80330	6.87750	.09952	.08290	.07984	426.47000	12.77700	.10548
7.516	-3.700	29.06000	5.98520	-1.80610	6.87920	.09917	.08174	.07983	426.62000	12.78000	.10534
7.525	-3.500	29.06600	5.98530	-1.80940	6.87200	.09888	.08074	.07958	426.21000	12.76700	.10530
7.546	-3.300	29.07800	5.98550	-1.81240	6.88650	.09876	.08015	.07963	427.15000	12.79400	.10548
7.539	-3.100	29.08400	5.98560	-1.81550	6.88630	.09884	.08002	.07980	427.18000	12.79400	.10585
7.555	-2.900	29.09400	5.98570	-1.81850	6.89540	.09858	.08001	.07966	427.78000	12.81100	.10604
7.529	-2.700	29.09900	5.98580	-1.82180	6.87980	.09814	.08009	.07930	426.85000	12.78200	.10613
7.552	-2.500	29.10900	5.98600	-1.82500	6.89250	.09758	.08020	.07880	427.67000	12.80500	.10606
7.543	-2.300	29.11600	5.98610	-1.82800	6.89260	.09703	.08038	.07840	427.72000	12.80500	.10600
7.562	-2.100	29.12800	5.98620	-1.83100	6.91700	.09665	.08079	.07809	429.27000	12.85100	.10617
7.575	-1.900	29.13500	5.98640	-1.83420	6.91320	.09645	.08135	.07818	429.07000	12.84400	.10635
7.568	-1.700	29.14200	5.98650	-1.83750	6.91310	.09615	.08164	.07825	429.10000	12.84300	.10640
7.547	-1.500	29.14800	5.98660	-1.84060	6.90590	.09569	.08146	.07784	428.70000	12.83000	.10637
7.541	-1.300	29.15500	5.98670	-1.84380	6.90650	.09514	.08125	.07712	428.77000	12.83100	.10615
7.546	-1.100	29.16300	5.98690	-1.84700	6.90870	.09486	.08124	.07664	428.95000	12.83500	.10602
7.566	-.900	29.16800	5.98700	-1.85030	6.90550	.09472	.08126	.07595	428.79000	12.82900	.10576
7.567	-.700	29.18000	5.98710	-1.85360	6.91390	.09472	.08144	.07566	429.35000	12.84500	.10575
7.549	-.500	29.18200	5.98730	-1.85690	6.90070	.09460	.08150	.07524	428.56000	12.82000	.10562
7.553	-.300	29.18800	5.98740	-1.86000	6.90020	.09460	.08176	.07521	428.57000	12.81900	.10556
7.547	-.100	29.19500	5.98750	-1.86360	6.89420	.09468	.08235	.07513	428.24000	12.80800	.10560
7.522	.100	29.20100	5.98770	-1.86700	6.88410	.09496	.08319	.07574	427.65000	12.78900	.10598
7.524	.300	29.21100	5.98780	-1.87050	6.89480	.09528	.08411	.07619	428.35000	12.80900	.10638
7.513	.500	29.21700	5.98790	-1.87380	6.88490	.09557	.08482	.07619	427.78000	12.79100	.10668
7.518	.700	29.22200	5.98810	-1.87710	6.88750	.09608	.08562	.07651	427.98000	12.79600	.10706
7.515	.900	29.22700	5.98820	-1.88060	6.88520	.09640	.08673	.07658	427.87000	12.79100	.10721
7.543	1.100	29.23500	5.98830	-1.88390	6.89460	.09716	.08842	.07698	428.50000	12.80900	.10749
7.526	1.300	29.24100	5.98840	-1.88730	6.88740	.09666	.09040	.07611	428.09000	12.79600	.10660
7.528	1.500	29.24800	5.98860	-1.89110	6.88700	.09539	.09114	.07471	428.11000	12.79500	.10523
7.523	1.700	29.25600	5.98870	-1.89460	6.89010	.09427	.09034	.07345	428.34000	12.80100	.10395
7.523	1.900	29.26400	5.98880	-1.89830	6.88860	.09355	.08919	.07234	428.28000	12.79800	.10305
7.528	2.100	29.26900	5.98900	-1.90180	6.89490	.09276	.08792	.07066	428.71000	12.80900	.10218
7.520	2.300	29.28100	5.98910	-1.90580	6.90030	.09247	.08724	.06916	429.09000	12.82000	.10188
7.521	2.500	29.28600	5.98920	-1.90950	6.89570	.09231	.08660	.06738	428.84000	12.81100	.10155
7.526	2.700	29.29100	5.98940	-1.91300	6.90050	.09228	.08618	.06581	429.18000	12.82000	.10131
7.526	2.900	29.29600	5.98950	-1.91680	6.90190	.09243	.08651	.06470	429.31000	12.82200	.10149
7.549	3.100	29.30900	5.98960	-1.92080	6.92620	.09209	.08683	.06407	430.86000	12.86800	.10158
7.533	3.300	29.31500	5.98980	-1.92470	6.92060	.09211	.08707	.06393	430.55000	12.85700	.10224
7.520	3.500	29.31100	5.98990	-1.92810	6.90550	.09166	.08635	.06390	429.65000	12.82900	.10228

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(S7E1C8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2372/ 0 RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.526	3.648	29.32200	5.99000	-1.93120	6.91150	.09135	.08573	.06406	430.05000	12.84000	.10239
	GRADIENT	.03571	.00063	-.01706	-.01504	.00102	.00350	.00119	-.73571	-.02771	.00116

OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(S7EOC9) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 180.000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 59/ 0 RN/L = 2.66 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.662	.054	-.01260	5.94500	-180.00000	2.47150	.03280	.03335	.02804	149.05000	4.59230	.03377
2.640	.084	-.01157	5.93350	-180.00000	2.47190	.03253	.03323	.02760	147.89000	4.59310	.03390
2.658	.132	-.01042	5.94620	-180.00000	2.47700	.03298	.03354	.02804	149.52000	4.60240	.03402
2.666	1.568	-.01793	5.94410	-180.00000	2.47020	.03270	.03298	.02837	148.89000	4.58980	.03339
2.656	3.632	-.01222	5.94330	-180.00000	2.46610	.03199	.03200	.02760	148.55000	4.58230	.03262
2.663	5.225	-.01819	5.94240	-180.00000	2.47020	.02986	.02973	.02574	148.71000	4.58980	.03060
2.661	6.846	-.01115	5.94140	-180.00000	2.46930	.02918	.02911	.02531	148.55000	4.58830	.03019
2.663	8.262	-.01307	5.94020	-180.00000	2.46700	.02832	.02804	.02498	148.29000	4.58390	.02929
2.659	9.978	-.01094	5.93940	-180.00000	2.46730	.02669	.02623	.02443	148.22000	4.58450	.02776
2.669	11.934	-.00964	5.93820	-180.00000	2.47040	.02591	.02524	.02311	148.29000	4.59040	.02689
2.654	13.598	-.01022	5.93730	-180.00000	2.46830	.02441	.02362	.02214	148.07000	4.58640	.02508
2.654	15.031	-.01020	5.93650	-180.00000	2.46980	.02479	.02411	.02268	148.07000	4.58930	.02572
	GRADIENT	-.00095	.00024	.00000	-.00100	-.00048	-.00063	-.00034	-.03621	-.00186	-.00057

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(S7EOC9) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 180.000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 61/ 0 RN/L = 4.50 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.529	.033	.08422	5.97000	-180.00000	4.15630	.05189	.05295	.04576	255.06000	7.72220	.05387
4.427	.232	-.01116	5.97000	-180.00000	4.07240	.05108	.05178	.04488	249.91000	7.56630	.05303
4.507	2.160	.08560	5.97000	-180.00000	4.15310	.05135	.05206	.04488	254.86000	7.71620	.05322
4.498	4.080	.08868	5.97000	-180.00000	4.15870	.04880	.04915	.04160	255.20000	7.72650	.05043
4.486	5.881	.09108	5.97000	-180.00000	4.15140	.04594	.04610	.04016	254.76000	7.71300	.04748
4.491	7.440	.08171	5.97000	-180.00000	4.15050	.04566	.04564	.04071	254.70000	7.71140	.04748
4.467	9.337	.08888	5.97000	180.00000	4.13230	.04351	.04367	.03994	253.59000	7.67760	.04573
4.462	11.458	.08894	5.97000	180.00000	4.12340	.03815	.03774	.03579	253.03000	7.66090	.04017
4.485	13.106	.08830	5.97000	-180.00000	4.13020	.03765	.03716	.03623	253.46000	7.67370	.03943
4.549	14.611	.08408	5.97000	180.00000	4.14960	.03999	.03907	.03929	254.64000	7.70960	.04216
GRADIENT		.00966	.00000	.00000	.00699	-.00092	-.00105	-.00093	.42856	.01296	-.00100

RUN NO. 63/ 0 RN/L = 7.44 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.666	.170	-.00932	5.98670	-180.00000	6.78280	.08437	.08105	.07508	421.08000	12.60100	.08339
7.652	.190	-.00684	5.98750	-180.00000	6.88050	.08523	.08195	.07585	427.37000	12.78300	.08424
7.290	.229	-.00985	5.99810	-180.00000	6.75910	.08447	.08143	.07562	422.92000	12.55700	.08368
7.380	2.479	-.01088	5.99690	-180.00000	6.89960	.08355	.08133	.07530	431.35000	12.81800	.08264
7.279	4.447	-.00838	5.99590	-180.00000	6.73500	.07965	.07732	.06939	420.77000	12.51200	.07818
7.443	6.330	-.00941	5.99490	-180.00000	6.88730	.07786	.07468	.06797	429.98000	12.79500	.07645
7.482	8.374	-.01321	5.99380	-180.00000	6.94110	.07694	.07488	.06973	433.02000	12.89500	.07682
7.482	10.180	-.00403	5.99280	-180.00000	6.90770	.07089	.06939	.06677	430.65000	12.83300	.07115
7.463	12.011	-.00484	5.99160	-180.00000	6.87590	.06548	.06294	.06360	428.32000	12.77400	.06552
7.450	14.373	-.00939	5.99050	180.00000	6.83500	.06980	.06701	.06983	425.44000	12.69800	.06938
GRADIENT		-.00009	.00146	.00000	-.00846	-.00108	-.00084	-.00124	-.10108	-.01581	-.00119

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OA257 (LARC 20-M6-6559) OV102

(S7EOD1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 168/0 RN/L = 2.28 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.283	-5.113	.08016	5.94810	-89.98700	2.47960	.03653	.03665	.03915	149.87000	4.60730	.03830
2.284	-4.537	.09089	5.94760	-89.98600	2.47630	.03566	.03591	.03828	149.62000	4.60110	.03722
2.288	-4.104	.09103	5.94720	-89.98700	2.47710	.03474	.03499	.03751	149.62000	4.60260	.03619
2.288	-3.626	.09653	5.94670	-89.98700	2.47790	.03382	.03388	.03642	149.62000	4.60410	.03517
2.281	-3.014	.09658	5.94620	-89.98800	2.47470	.03328	.03327	.03544	149.37000	4.59810	.03440
2.273	-2.571	.09662	5.94570	-89.98900	2.47820	.03290	.03284	.03478	149.53000	4.60480	.03414
2.277	-2.137	.10197	5.94530	-89.98900	2.47890	.03268	.03253	.03435	149.53000	4.60600	.03389
2.284	-1.529	.08674	5.94480	-89.99200	2.48050	.03245	.03207	.03423	149.58000	4.60900	.03352
2.274	-1.034	.09211	5.94440	-89.99200	2.47870	.03217	.03155	.03434	149.43000	4.60570	.03314
2.274	-.515	.09714	5.94390	-89.99200	2.47850	.03198	.03149	.03424	149.37000	4.60520	.03286
2.294	-.130	.09698	5.95160	-89.99300	2.48760	.03241	.03188	.03489	150.71000	4.62210	.03338
2.301	-.098	.09758	5.93560	-89.99300	2.47280	.03283	.03256	.03609	148.17000	4.59490	.03435
2.276	-.057	.08687	5.94290	-89.99400	2.48620	.03213	.03161	.03456	149.73000	4.61970	.03301
2.287	.392	.09216	5.94250	-89.99400	2.49530	.03246	.03185	.03467	150.23000	4.63650	.03313
2.283	.813	.09218	5.94200	-89.99500	2.49830	.03252	.03198	.03435	150.36000	4.64220	.03325
2.275	1.433	.08685	5.94140	-89.99600	2.49800	.03247	.03198	.03369	150.28000	4.64160	.03319
2.288	1.930	.08669	5.94090	-89.99700	2.50060	.03241	.03176	.03325	150.38000	4.64650	.03287
2.279	2.466	.08689	5.94040	-89.99800	2.49710	.03214	.03192	.03292	150.12000	4.63990	.03274
2.269	2.864	.08678	5.93980	-89.99800	2.49660	.03198	.03179	.03260	150.03000	4.63910	.03261
2.268	3.361	.08643	5.93930	-89.99900	2.49500	.03181	.03164	.03238	149.88000	4.63610	.03261
2.277	4.003	.08596	5.93840	-90.00000	2.49190	.03177	.03158	.03238	149.60000	4.63020	.03248
GRADIENT	-.00171	-.00111	-.00162	-.00113	-.00023	-.00009	-.00069	-.18298	-.00209	-.00022	

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OA257 (LARC 20-M6-6559) OV102

(S7EOD1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 160/ 0 RN/L = 4.50 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.444	-5.095	.00973	5.95480	-89.99800	4.15400	.06401	.06436	.06187	252.24000	7.71820	.06597
4.441	-4.665	.01044	5.95430	-89.99800	4.15800	.06207	.06247	.06011	252.40000	7.72570	.06402
4.453	-4.120	.01036	5.95370	-89.99800	4.16020	.06044	.06021	.05816	252.43000	7.72990	.06176
4.497	-3.535	.01030	5.95320	-89.99800	4.18750	.05849	.05807	.05608	253.99000	7.78050	.05947
4.532	-2.836	.01019	5.95260	-89.99900	4.21940	.05665	.05586	.05390	255.81000	7.83980	.05742
4.524	-2.129	.01013	5.95200	-89.99900	4.21780	.05547	.05388	.05236	255.61000	7.83680	.05586
4.545	-1.476	.01005	5.95140	-89.99900	4.22090	.05525	.05351	.05182	255.70000	7.84270	.05554
4.553	-1.000	.01018	5.95070	-89.99900	4.21750	.05547	.05406	.05204	255.36000	7.83630	.05586
4.563	-.627	.01014	5.95000	-89.99900	4.21930	.05569	.05468	.05215	255.36000	7.83980	.05605
4.555	-.180	.01026	5.94950	-89.99900	4.21210	.05601	.05532	.05269	254.84000	7.82630	.05655
4.335	-.163	.01060	5.94210	-89.99900	4.06620	.05428	.05351	.05073	244.74000	7.55550	.05464
4.540	-.014	.01007	5.94910	-89.99900	4.20570	.05628	.05554	.05302	254.37000	7.81450	.05669
4.547	.513	.01043	5.94850	-89.99900	4.20480	.05687	.05603	.05378	254.20000	7.81270	.05733
4.590	1.124	.01016	5.94780	-89.99900	4.24290	.05719	.05573	.05401	256.40000	7.88360	.05762
4.541	1.661	.01019	5.94720	-89.99900	4.22490	.05682	.05548	.05346	255.20000	7.85020	.05707
4.514	2.292	.01020	5.94650	-89.99900	4.20350	.05601	.05499	.05269	253.79000	7.81050	.05643
4.487	2.793	.01035	5.94590	-89.99900	4.17920	.05525	.05449	.05193	252.21000	7.76530	.05554
4.482	3.423	.01050	5.94520	-90.00000	4.16510	.05444	.05373	.05073	251.24000	7.73910	.05459
4.496	4.025	.01079	5.94460	-90.00000	4.18360	.05459	.05383	.05095	252.24000	7.77360	.05480
	GRADIENT	.00012	-.00112	-.00031	-.01614	-.00085	-.00071	-.00102	-1.17060	-.02992	-.00093

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OA257 (LARC 20-M6-6559) OV102

(S7E0D1) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 164/ 0 RN/L = 7.53 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.634	-4.944	.10192	5.99380	-89.98400	6.88310	.09624	.09620	.09801	429.40000	12.78700	.09820
7.614	-4.638	.10219	5.99350	-89.98500	6.86650	.09380	.09384	.09518	428.29000	12.75600	.09559
7.589	-4.301	.10324	5.99330	-89.98500	6.87890	.09186	.09191	.09302	428.99000	12.78000	.09340
7.559	-4.030	.10387	5.99300	-89.98600	6.84970	.08980	.09001	.09038	427.09000	12.72500	.09093
7.570	-3.649	.10927	5.99270	-89.98600	6.87580	.08786	.08809	.08831	428.64000	12.77400	.08890
7.567	-3.349	.09872	5.99250	-89.98700	6.87890	.08629	.08645	.08634	428.76000	12.78000	.08729
7.582	-3.002	.10412	5.99220	-89.98700	6.89690	.08493	.08543	.08524	429.78000	12.81300	.08606
7.602	-2.695	.10402	5.99190	-89.98800	6.92430	.08396	.08424	.08437	431.41000	12.86400	.08518
7.578	-2.400	.10375	5.99160	-89.98800	6.91020	.08315	.08328	.08327	430.45000	12.83800	.08434
7.584	-2.076	.10366	5.99130	-89.98900	6.91200	.08299	.08269	.08338	430.48000	12.84100	.08400
7.569	-1.743	.10358	5.99110	-89.99000	6.90490	.08309	.08248	.08338	429.95000	12.82800	.08402
7.576	-1.442	.10347	5.99080	-89.99000	6.91410	.08358	.08260	.08382	430.45000	12.84500	.08427
7.573	-1.117	.10387	5.99040	-89.99100	6.91600	.08423	.08273	.08404	430.45000	12.84900	.08434
7.584	-.787	.09871	5.99010	-89.99200	6.91430	.08477	.08301	.08459	430.25000	12.84500	.08486
7.559	-.384	.09880	5.98980	-89.99200	6.91310	.08569	.08350	.08481	430.08000	12.84300	.08556
7.280	-.081	.10466	5.98350	-89.99300	6.84420	.08472	.08258	.08350	423.94000	12.71500	.08454
7.567	-.062	.10368	5.99560	-89.99300	6.85720	.08569	.08338	.08470	428.34000	12.73900	.08563
7.543	.067	.09905	5.98940	-89.99300	6.90330	.08688	.08414	.08371	429.37000	12.82500	.08651
7.544	.501	.09900	5.98910	-89.99400	6.90290	.08737	.08460	.08362	429.24000	12.82400	.08701
7.551	.822	.09907	5.98880	-89.99400	6.90800	.08791	.08538	.08416	429.47000	12.83400	.08756
7.550	1.135	.09852	5.98850	-89.99500	6.89710	.08785	.08561	.08458	428.70000	12.81400	.08747
7.548	1.670	.10386	5.98810	-89.99600	6.90030	.08731	.08574	.08557	428.79000	12.81900	.08709
7.519	1.912	.09869	5.98780	-89.99600	6.88570	.08710	.08568	.08535	427.79000	12.79200	.08683
7.513	2.233	.09883	5.98750	-89.99700	6.89970	.08726	.08589	.08570	428.58000	12.81900	.08701
7.517	2.474	.09876	5.98720	-89.99700	6.92000	.08694	.08570	.08537	429.74000	12.85600	.08669
7.492	2.976	.09893	5.98680	-89.99800	6.91390	.08564	.08412	.08404	429.25000	12.84500	.08537
7.457	3.325	.09896	5.98650	-89.99900	6.91470	.08466	.08285	.08305	429.20000	12.84600	.08434
7.409	3.615	.09909	5.98610	-89.99900	6.91960	.08396	.08232	.08229	429.40000	12.85500	.08369
7.392	4.026	.10417	5.98570	-90.00000	6.90310	.08342	.08203	.08186	428.26000	12.82500	.08313
	GRADIENT	.00047	-.00094	-.00175	.00333	-.00102	-.00068	-.00042	-.07101	.00621	-.00100

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OA257 (LARC 20-M6-6559) OV102

(S7EOD2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 169/ O RN/L = 2.29 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.300	-4.994	-.09223	5.94430	-90.34900	2.48920	.03249	.03499	.03566	150.05000	4.62520	.03399
2.297	-4.901	-.09221	5.94450	-90.34300	2.47920	.03222	.03492	.03544	149.47000	4.60660	.03393
2.296	-3.984	-.08659	5.94480	-90.27800	2.47880	.03200	.03462	.03457	149.47000	4.60580	.03355
2.291	-3.594	-.08396	5.94500	-90.25100	2.47550	.03200	.03388	.03424	149.30000	4.59970	.03329
2.296	-3.350	-.08273	5.94540	-90.23300	2.47740	.03198	.03315	.03391	149.45000	4.60320	.03325
2.282	-3.202	-.08360	5.94570	-90.22300	2.47030	.03206	.03290	.03380	149.05000	4.59010	.03335
2.295	-2.874	-.08009	5.94600	-90.20000	2.46700	.03200	.03247	.03369	148.89000	4.58390	.03323
2.283	-2.508	-.07656	5.94630	-90.17500	2.45950	.03195	.03216	.03315	148.47000	4.57000	.03291
2.272	-2.397	-.07919	5.94660	-90.16700	2.45460	.03190	.03195	.03326	148.21000	4.56090	.03290
2.278	-2.063	-.07195	5.94700	-90.14400	2.45170	.03194	.03188	.03347	148.07000	4.55550	.03291
2.270	-1.687	-.07679	5.94740	-90.11700	2.44690	.03194	.03188	.03337	147.82000	4.54650	.03285
2.274	-1.254	-.07865	5.94780	-90.08700	2.44870	.03211	.03228	.03369	147.97000	4.54990	.03329
2.284	-.925	-.07137	5.94810	-90.06400	2.44920	.03241	.03228	.03391	148.04000	4.55090	.03344
2.272	-.544	-.07512	5.94850	-90.03800	2.44620	.03233	.03228	.03348	147.89000	4.54520	.03342
2.274	-.104	-.07939	5.94880	-90.00700	2.44700	.03195	.03179	.03348	147.97000	4.54670	.03303
2.364	.134	-.08037	5.94340	-89.99000	2.54650	.03448	.03450	.03795	153.41000	4.73160	.03637
2.343	.177	-.08011	5.95520	-89.98800	2.52640	.03287	.03265	.03490	153.45000	4.69410	.03393
2.275	.245	-.08079	5.94920	-89.98300	2.44750	.03171	.03136	.03391	148.04000	4.54750	.03274
2.344	.288	-.07644	5.95580	-89.98000	2.52810	.03287	.03253	.03511	153.62000	4.69730	.03387
2.279	.446	-.07083	5.94950	-89.96900	2.44620	.03184	.03145	.03369	147.99000	4.54510	.03272
2.266	.610	-.07733	5.94980	-89.95700	2.44530	.03195	.03155	.03326	147.97000	4.54360	.03284
2.264	.912	-.07736	5.95020	-89.93600	2.44470	.03195	.03142	.03293	147.97000	4.54250	.03278
2.278	1.102	-.07924	5.95050	-89.92300	2.44610	.03188	.03136	.03304	148.09000	4.54500	.03285
2.276	1.404	-.07868	5.95080	-89.90200	2.44500	.03200	.03155	.03304	148.06000	4.54300	.03291
2.268	1.674	-.07740	5.95110	-89.88300	2.44320	.03211	.03173	.03326	147.97000	4.53950	.03303
2.271	2.024	-.07155	5.95140	-89.85900	2.44430	.03216	.03176	.03347	148.07000	4.54150	.03310
2.266	2.426	-.07911	5.95180	-89.83000	2.44360	.03222	.03176	.03347	148.07000	4.54030	.03298
2.265	2.612	-.08098	5.95210	-89.81700	2.45240	.03217	.03192	.03369	148.64000	4.55660	.03310
2.309	3.159	-.08189	5.95250	-89.77900	2.48190	.03271	.03241	.03369	150.47000	4.61150	.03348
2.327	3.488	-.08490	5.95280	-89.75600	2.50650	.03340	.03333	.03435	151.99000	4.65720	.03439
2.330	3.849	-.07548	5.95320	-89.73100	2.51220	.03395	.03394	.03479	152.38000	4.66770	.03482
2.328	4.046	-.08822	5.95350	-89.71700	2.51870	.03411	.03416	.03490	152.81000	4.67990	.03502
2.332	4.323	-.08828	5.95380	-89.69800	2.52180	.03428	.03465	.03490	153.02000	4.68560	.03533
2.332	4.558	-.09074	5.95400	-89.68100	2.52410	.03447	.03462	.03511	153.19000	4.68990	.03542
2.338	5.009	-.09261	5.95440	-89.64900	2.52630	.03469	.03499	.03555	153.36000	4.69390	.03581
GRADIENT		.00091	.00342	.06961	.04253	.00008	-.00026	.00121	2.93158	.07891	-.00003

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DA257 (LARC 20-M6-6559) OV102

(S7EOD2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 161/0 RN/L = 4.44 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.376	-4.907	-.11481	5.95230	-90.34100	4.07910	.05297	.05156	.05117	247.26000	7.57910	.05404
4.379	-4.604	-.12094	5.95260	-90.32000	4.07670	.05331	.05197	.05149	247.17000	7.57470	.05424
4.411	-4.270	-.11586	5.95280	-90.29700	4.08030	.05363	.05262	.05171	247.42000	7.58140	.05471
4.452	-3.105	-.11967	5.95340	-90.21600	4.11190	.05400	.05407	.05073	249.44000	7.64000	.05491
4.425	-2.245	-.11411	5.95380	-90.15600	4.09200	.05395	.05394	.05105	248.31000	7.60300	.05490
4.413	-1.698	-.11628	5.95420	-90.11800	4.09720	.05396	.05348	.05138	248.69000	7.61280	.05489
4.426	-1.592	-.12087	5.95470	-90.11000	4.11140	.05411	.05349	.05171	249.64000	7.63920	.05505
4.446	-1.454	-.11711	5.95510	-90.10100	4.12570	.05437	.05352	.05193	250.58000	7.66570	.05519
4.447	-1.102	-.11733	5.95550	-90.07600	4.13160	.05459	.05358	.05237	251.00000	7.67660	.05544
4.477	-.741	-.11671	5.95600	-90.05100	4.14780	.05481	.05389	.05270	252.08000	7.70670	.05570
4.471	-.470	-.11563	5.95650	-90.03200	4.15670	.05493	.05462	.05291	252.71000	7.72320	.05592
4.489	-.298	-.11623	5.95690	-90.02000	4.16430	.05502	.05463	.05313	253.24000	7.73730	.05589
4.312	.010	-.10976	5.95140	-89.99900	4.08660	.05731	.05683	.05804	247.56000	7.59310	.05924
4.369	.048	-.11116	5.96290	-89.99600	4.04630	.05394	.05322	.05215	247.09000	7.51790	.05467
4.372	.063	-.11691	5.96230	-89.99500	4.04930	.05396	.05339	.05236	247.17000	7.52350	.05475
4.501	.096	-.11235	5.95730	-89.99300	4.16630	.05503	.05432	.05324	253.43000	7.74100	.05587
4.507	.447	-.11794	5.95790	-89.96900	4.17110	.05481	.05383	.05281	253.82000	7.74990	.05544
4.517	.815	-.11901	5.95820	-89.94300	4.17470	.05470	.05368	.05270	254.10000	7.75660	.05532
4.513	1.208	-.11774	5.95860	-89.91600	4.17250	.05460	.05382	.05269	254.04000	7.75250	.05534
4.509	1.378	-.11780	5.95900	-89.90400	4.17240	.05471	.05389	.05291	254.09000	7.75230	.05542
4.470	1.704	-.10884	5.95930	-89.88100	4.13450	.05482	.05403	.05269	251.85000	7.68190	.05540
4.433	2.140	-.12106	5.95970	-89.85100	4.09630	.05449	.05391	.05258	249.58000	7.61100	.05516
4.425	2.763	-.11939	5.96000	-89.80700	4.09210	.05455	.05419	.05269	249.39000	7.60300	.05515
4.417	3.366	-.11656	5.96050	-89.76500	4.08820	.05493	.05431	.05258	249.22000	7.59580	.05547
4.412	3.746	-.12310	5.96090	-89.73900	4.08250	.05514	.05475	.05313	248.95000	7.58520	.05594
4.411	4.275	-.11915	5.96120	-89.70200	4.07650	.05536	.05535	.05378	248.64000	7.57410	.05618
4.398	4.740	-.12780	5.96150	-89.66900	4.06660	.05503	.05514	.05400	248.09000	7.55560	.05599
GRADIENT		-.00040	.00258	.06876	-.02201	-.00028	-.00101	-.00007	-.90313	-.04097	-.00058

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 682

0A257 (LARC 20-M6-6559) OV102

(S7EOD2) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 165/0 RN/L = 7.64 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.598	-4.571	-.18907	5.97940	-90.31400	6.89780	.08477	.08991	.08819	426.05000	12.81500	.08619
7.625	-4.309	-.18530	5.97970	-90.29600	6.91080	.08385	.08856	.08721	426.96000	12.83900	.08549
7.616	-3.444	-.17618	5.98020	-90.23600	6.91270	.08245	.08451	.08622	427.21000	12.84300	.08421
7.620	-2.917	-.18299	5.98060	-90.20000	6.91130	.08261	.08429	.08668	427.25000	12.84000	.08406
7.625	-2.528	-.18203	5.98100	-90.17400	6.92290	.08353	.08472	.08744	428.08000	12.86200	.08464
7.671	-1.837	-.18090	5.98150	-90.12600	6.94280	.08520	.08544	.08809	429.47000	12.89900	.08570
7.668	-1.428	-.17441	5.98190	-90.09800	6.92750	.08564	.08544	.08787	428.64000	12.87000	.08621
7.655	-1.143	-.17516	5.98230	-90.07800	6.94170	.08575	.08520	.08711	429.64000	12.89700	.08609
7.656	-.853	-.18424	5.98280	-90.05800	6.92950	.08585	.08475	.08666	429.04000	12.87400	.08606
7.655	-.492	-.18232	5.98330	-90.03300	6.93530	.08618	.08414	.08688	429.53000	12.88500	.08632
7.658	-.217	-.18009	5.98370	-90.01400	6.93870	.08628	.08414	.08622	429.87000	12.89100	.08638
7.683	.158	-.18812	5.97820	-89.98900	6.92280	.08569	.08386	.08392	427.24000	12.86200	.08579
7.592	.415	-.18275	5.99090	-89.97100	6.90840	.08585	.08353	.08185	430.12000	12.83400	.08593
7.653	.458	-.17595	5.98470	-89.96800	6.93320	.08542	.08343	.08165	429.82000	12.88100	.08566
7.664	.926	-.17976	5.98510	-89.93600	6.94390	.08510	.08310	.08131	430.61000	12.90100	.08530
7.650	1.211	-.18308	5.98560	-89.91600	6.92240	.08477	.08270	.08186	429.42000	12.86100	.08505
7.665	1.679	-.17984	5.98610	-89.88400	6.93110	.08493	.08253	.08250	430.10000	12.87700	.08521
7.660	2.066	-.18127	5.98660	-89.85700	6.93480	.08553	.08298	.08383	430.47000	12.88400	.08596
7.644	2.496	-.17441	5.98700	-89.82800	6.92380	.08639	.08375	.08371	429.92000	12.86300	.08665
7.625	3.018	-.18053	5.98750	-89.79200	6.90660	.08737	.08490	.08414	428.98000	12.83100	.08771
7.655	3.439	-.18348	5.98800	-89.76300	6.92280	.08791	.08539	.08493	430.15000	12.86100	.08822
7.633	3.741	-.18057	5.98850	-89.74200	6.91040	.08780	.08561	.08404	429.53000	12.83800	.08798
7.617	4.313	-.18287	5.98900	-89.70300	6.90790	.08877	.08752	.08360	429.53000	12.83400	.08881
7.632	4.945	-.18881	5.98950	-89.65900	6.92690	.09018	.08979	.08305	430.86000	12.86900	.09028
	GRADIENT	.00175	.00388	.06820	-.01833	-.00072	-.00077	-.00579	.01544	-.03449	-.00068

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OA257 (LARC 20-M6-6559) OV102

(S7E0D3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 4.500 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 170/ 0 RN/L = 2.31 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.329	-4.439	4.34400	5.94490	-89.97100	2.50880	.03081	.03112	.03195	151.30000	4.66150	.03195
2.326	-4.342	4.34370	5.94520	-89.97200	2.51110	.03071	.03112	.03195	151.46000	4.66580	.03195
2.325	-3.504	4.34330	5.94570	-89.97700	2.51240	.03083	.03130	.03260	151.60000	4.66830	.03206
2.323	-2.995	4.34130	5.94610	-89.98100	2.51200	.03114	.03152	.03315	151.61000	4.66740	.03233
2.321	-2.613	4.34250	5.94650	-89.98300	2.51130	.03125	.03145	.03315	151.61000	4.66610	.03220
2.321	-2.125	4.34240	5.94690	-89.98600	2.51120	.03102	.03115	.03271	151.64000	4.66590	.03182
2.314	-1.600	4.34190	5.94720	-89.99000	2.50480	.03081	.03093	.03217	151.30000	4.65410	.03169
2.310	-1.319	4.34690	5.94750	-89.99100	2.49820	.03083	.03087	.03217	150.93000	4.64180	.03174
2.317	-.995	4.34110	5.94790	-89.99300	2.49680	.03108	.03093	.03217	150.88000	4.63920	.03188
2.314	-.497	4.34220	5.94820	-89.99700	2.49340	.03125	.03118	.03238	150.71000	4.63300	.03201
2.318	-.116	4.34410	5.94860	-89.99900	2.49520	.03139	.03142	.03227	150.86000	4.63630	.03223
2.301	.001	4.34020	5.95530	-90.00000	2.48800	.03168	.03173	.03217	151.13000	4.62280	.03259
2.329	.117	4.32770	5.94390	-90.00000	2.49980	.03157	.03170	.03173	150.65000	4.64490	.03246
2.304	.149	4.34710	5.94910	-90.00100	2.48780	.03146	.03155	.03206	150.47000	4.62240	.03227
2.302	.457	4.34200	5.94940	-90.00300	2.48580	.03157	.03155	.03184	150.38000	4.61880	.03233
2.301	.849	4.34280	5.94980	-90.00500	2.48690	.03157	.03133	.03173	150.48000	4.62080	.03227
2.299	1.194	4.34170	5.95010	-90.00700	2.48800	.03137	.03133	.03151	150.58000	4.62280	.03219
2.295	1.613	4.34650	5.95050	-90.01000	2.48540	.03092	.03075	.03075	150.47000	4.61800	.03169
2.294	1.979	4.34280	5.95080	-90.01300	2.48840	.03061	.03063	.03042	150.68000	4.62360	.03142
2.294	2.292	4.34300	5.95120	-90.01400	2.48550	.03054	.03056	.02998	150.55000	4.61830	.03137
2.299	2.632	4.34230	5.95150	-90.01700	2.48630	.03081	.03093	.03042	150.63000	4.61970	.03169
2.298	2.983	4.34240	5.95190	-90.01900	2.48570	.03108	.03142	.03075	150.63000	4.61860	.03207
2.293	3.308	4.34990	5.95220	-90.02100	2.48620	.03142	.03176	.03108	150.70000	4.61950	.03245
2.296	3.670	4.34410	5.95250	-90.02300	2.48570	.03152	.03195	.03118	150.70000	4.61850	.03264
2.296	3.989	4.34700	5.95290	-90.02500	2.48670	.03157	.03179	.03107	150.80000	4.62040	.03252
2.306	4.298	4.34650	5.95320	-90.02800	2.48780	.03151	.03152	.03118	150.90000	4.62240	.03240
2.301	4.367	4.34770	5.95330	-90.02800	2.48540	.03142	.03161	.03130	150.77000	4.61800	.03245
2.296	4.602	4.34760	5.95370	-90.03000	2.48540	.03136	.03124	.03107	150.80000	4.61790	.03233
2.299	4.937	4.35230	5.95390	-90.03200	2.48630	.03136	.03112	.03129	150.88000	4.61960	.03227
2.287	5.204	4.35150	5.95420	-90.03400	2.48450	.03125	.03099	.03129	150.80000	4.61620	.03220
	GRADIENT	-.00218	.00008	-.00622	-.00711	.00035	.00043	-.00065	-.41681	-.01331	.00036

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0A257 (LARC 20-M6-6559) OV102

(S7EOD3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 4.500 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 162/ O RN/L = 4.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.494	-4.772	9.45190	5.95700	-89.54200	4.03980	.04784	.05158	.04603	245.68000	7.50600	.04877
4.432	-4.688	9.44070	5.96250	-89.55100	4.08640	.04871	.05179	.04668	249.47000	7.59250	.04959
4.441	-4.667	9.44150	5.96270	-89.55300	4.08670	.04877	.05182	.04679	249.52000	7.59310	.04958
4.528	-3.852	9.44540	5.95750	-89.63000	4.07520	.04848	.05076	.04636	247.92000	7.57180	.04943
4.514	-3.277	9.44400	5.95770	-89.68600	4.08250	.04871	.05056	.04658	248.39000	7.58530	.04972
4.525	-2.775	9.43780	5.95780	-89.73400	4.09790	.04909	.05115	.04701	249.36000	7.61400	.04990
4.540	-2.234	9.43520	5.95810	-89.78600	4.11350	.04920	.05127	.04668	250.35000	7.64280	.05003
4.557	-1.768	9.43230	5.95840	-89.83000	4.13010	.04935	.05115	.04636	251.41000	7.67370	.05011
4.566	-1.593	9.42930	5.95860	-89.84700	4.13850	.04952	.05179	.04658	251.96000	7.68940	.05036
4.581	-1.131	9.42890	5.95890	-89.89100	4.15540	.04995	.05118	.04745	253.04000	7.72080	.05061
4.583	-.876	9.43000	5.95910	-89.91600	4.16430	.05028	.05087	.04832	253.62000	7.73730	.05106
4.592	-.467	9.42620	5.95930	-89.95500	4.17190	.05049	.05087	.04821	254.12000	7.75140	.05138
4.584	-.064	9.42270	5.95950	-89.99400	4.17410	.05065	.05093	.04821	254.29000	7.75550	.05151
4.590	.350	9.42740	5.95970	-90.03300	4.17620	.05028	.05050	.04821	254.45000	7.75950	.05119
4.574	.726	9.42250	5.95990	-90.06900	4.18070	.04984	.04983	.04821	254.76000	7.76770	.05069
4.593	1.140	9.42390	5.96010	-90.10900	4.18280	.04968	.04967	.04800	254.92000	7.77160	.05048
4.557	1.575	9.42160	5.96030	-90.15000	4.16180	.04979	.04949	.04810	253.67000	7.73260	.05060
4.528	1.989	9.43200	5.96050	-90.19000	4.13250	.04968	.04930	.04767	251.93000	7.67820	.05048
4.497	2.393	9.42610	5.96070	-90.22800	4.11670	.04978	.04916	.04745	251.00000	7.64880	.05039
4.487	2.764	9.43040	5.96090	-90.26400	4.10430	.04963	.04912	.04712	250.27000	7.62570	.05041
4.471	3.265	9.43370	5.96110	-90.31200	4.09870	.04984	.04940	.04690	249.97000	7.61540	.05042
4.463	3.483	9.43160	5.96120	-90.33300	4.09690	.04990	.04964	.04679	249.88000	7.61190	.05055
4.463	3.808	9.44210	5.96140	-90.36400	4.09640	.05001	.04964	.04668	249.88000	7.61110	.05055
4.464	4.304	9.43790	5.96160	-90.41200	4.09780	.05005	.04965	.04669	250.00000	7.61370	.05064
4.454	4.912	9.44670	5.96170	-90.47000	4.09780	.04995	.04946	.04658	250.03000	7.61360	.05057
	GRADIENT	.00151	.00049	-.09555	.00527	-.00027	-.00045	-.00000	.40418	.00992	-.00024

DATE 14 DEC 82

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OA257 (LARC 20-M6-6559) OV102

(S7EOD3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 4.500 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 166/0 RN/L = 7.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.525	-4.628	4.53470	5.98190	-89.95100	6.88700	.08178	.08242	.08120	426.13000	12.79500	.08197
7.505	-4.459	4.53380	5.98170	-89.95300	6.87100	.08157	.08219	.08110	425.07000	12.76500	.08180
7.542	-4.443	4.54960	5.98220	-89.95300	6.90260	.08157	.08209	.08066	427.18000	12.82400	.08166
7.552	-3.499	4.55120	5.98240	-89.96300	6.90910	.08119	.08157	.08011	427.64000	12.83600	.08148
7.574	-3.008	4.54560	5.98260	-89.96800	6.91420	.08119	.08141	.08109	428.01000	12.84600	.08134
7.539	-2.540	4.54510	5.98280	-89.97300	6.89300	.08146	.08147	.08240	426.76000	12.80600	.08147
7.539	-1.891	4.54320	5.98310	-89.97900	6.89780	.08146	.08097	.08130	427.16000	12.81500	.08132
7.568	-1.320	4.54100	5.98340	-89.98600	6.91940	.08168	.08072	.08001	428.58000	12.85500	.08138
7.548	-.775	4.54400	5.98370	-89.99100	6.91340	.08216	.08131	.07912	428.29000	12.84400	.08191
7.573	-.270	4.53840	5.98400	-89.99700	6.93480	.08277	.08230	.07989	429.70000	12.88400	.08293
7.584	.061	4.54130	5.98430	-90.00000	6.93870	.08353	.08303	.08131	430.03000	12.89100	.08370
7.447	.120	4.51670	5.98140	-90.00100	6.83460	.08211	.08131	.08011	422.73000	12.69800	.08210
7.527	.201	4.52500	5.98990	-90.00200	6.87520	.08358	.08301	.08208	427.76000	12.77300	.08377
7.552	.243	4.52830	5.98910	-90.00200	6.90900	.08369	.08298	.08208	429.64000	12.83600	.08379
7.569	.383	4.54040	5.98460	-90.00400	6.92870	.08331	.08258	.08208	429.50000	12.87200	.08352
7.591	.744	4.53910	5.98490	-90.00700	6.94520	.08272	.08181	.08207	430.61000	12.90300	.08274
7.557	.973	4.54430	5.98530	-90.01000	6.88840	.08227	.08125	.08185	427.21000	12.79800	.08223
7.528	1.211	4.53630	5.98560	-90.01200	6.88760	.08222	.08109	.08165	427.25000	12.79600	.08215
7.519	1.486	4.53860	5.98580	-90.01500	6.88300	.08233	.08125	.08131	427.04000	12.78700	.08242
7.540	1.972	4.53140	5.98610	-90.02000	6.89700	.08245	.08122	.08034	427.99000	12.81400	.08266
7.543	2.424	4.53470	5.98640	-90.02500	6.90620	.08277	.08134	.07956	428.65000	12.83100	.08292
7.571	2.935	4.54130	5.98670	-90.03000	6.92060	.08261	.08133	.07880	429.64000	12.85700	.08276
7.560	3.433	4.53500	5.98700	-90.03500	6.91090	.08326	.08181	.07901	429.12000	12.83900	.08325
7.486	3.760	4.53730	5.98730	-90.03800	6.84430	.08272	.08109	.07813	425.08000	12.71600	.08253
7.489	4.165	4.53940	5.98760	-90.04300	6.85740	.08250	.08083	.07793	425.98000	12.74000	.08212
7.496	4.598	4.54170	5.98790	-90.04800	6.86160	.08277	.08152	.07857	426.33000	12.74800	.08260
7.503	4.977	4.53560	5.98820	-90.05100	6.86650	.08304	.08193	.07945	426.71000	12.75700	.08306
7.526	5.429	4.53850	5.98850	-90.05600	6.88520	.08326	.08224	.08032	427.96000	12.79100	.08376
	GRADIENT	-.00752	.00493	-.01059	-.03764	.00109	.00068	.00371	-.85621	-.07070	.00112

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DA257 (LARC 20-M6-6559) OV102

(S7E425) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 136/0 RN/L = 4.39 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.319	-.315	-.07096	5.98030	-.00002	4.01000	.05541	.05427	.05313	247.84000	7.45010	.05571
4.344	5.232	.00047	5.97660	.00032	4.02300	.05022	.04948	.04887	248.01000	7.47420	.05067
4.384	9.821	.00576	5.97470	.00054	4.03420	.04930	.04897	.04963	248.37000	7.49510	.05144
4.469	14.440	.00109	5.96930	.00023	4.08670	.04606	.04488	.04603	250.66000	7.59290	.04741
4.471	19.255	.00558	5.96620	.00047	4.09320	.05027	.05032	.04887	250.53000	7.60490	.05234
4.463	24.279	.01043	5.96310	.00067	4.09080	.05790	.05839	.05673	249.83000	7.60060	.06089
4.445	24.324	.01553	5.96180	.00062	4.08350	.05790	.05839	.05651	249.17000	7.58710	.06096
4.413	29.280	.02185	5.95970	.00004	4.07310	.05914	.06041	.05443	248.17000	7.56780	.06339
4.366	34.483	.05707	5.95630	-.00018	4.04590	.07201	.06827	.06666	245.93000	7.51740	.07796
4.320	39.292	.05894	5.95040	-.00089	4.03650	.08668	.07994	.07813	244.36000	7.50010	.09329
	GRADIENT	.11220	-.02985	-.00109	-.15858	.00000	.00000	-.00478	-14.44776	-.29851	.00143

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0A257 (LARC 20-M6-6559) OV102

(S7E525) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE	0100					

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. = 229 / 0 RN/L = 4.59 GRADIENT INTERVAL = 23.00 / 25.00

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(S7E625) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 306/ O RN/L = 4.41 GRADIENT INTERVAL = 23.00/ 25.00

0A257 (LARC 20-M6-6559) OV102

(S7E445) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. = 108/ Q RN/L = 4.38 GRADIENT INTERVAL = 23.00/ 25.00

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QA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV 102

(S7E545) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 157/ O RN/L = 4.38 GRADIENT INTERVAL = 23.00/ 25.00

QA257 (IABC 20-M6-6559) PV102

(S7E645) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. = 174 / O RN/L = 4.38 GRADIENT INTERVAL = 23.00/ 25.00

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(S7E458) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 118/ 0 RN/L = 4.39 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.407	-4.629	29.25300	5.95440	-1.87960	4.09960	.06861	.07441	.06493	248.87000	7.61720	.08246
4.406	-4.500	29.26800	5.95440	-1.88100	4.10020	.06867	.07451	.06490	248.91000	7.61830	.08248
4.406	-4.300	29.27500	5.95450	-1.88210	4.10090	.06888	.07466	.06503	248.97000	7.61970	.08222
4.411	-4.100	29.27300	5.95460	-1.88300	4.10720	.06914	.07437	.06530	249.36000	7.63130	.08166
4.408	-3.900	29.28500	5.95460	-1.88450	4.10730	.06941	.07400	.06535	249.38000	7.63150	.08094
4.408	-3.700	29.28700	5.95470	-1.88540	4.10840	.06955	.07390	.06536	249.46000	7.63360	.08054
4.406	-3.500	29.29800	5.95480	-1.88700	4.10880	.06944	.07403	.06540	249.49000	7.63430	.08040
4.404	-3.300	29.30100	5.95480	-1.88790	4.10720	.06902	.07396	.06531	249.40000	7.63130	.08002
4.412	-3.100	29.31200	5.95490	-1.88930	4.10820	.06827	.07353	.06488	249.47000	7.63310	.07923
4.407	-2.900	29.31700	5.95490	-1.89040	4.10740	.06749	.07269	.06434	249.43000	7.63160	.07824
4.404	-2.700	29.32300	5.95500	-1.89170	4.10760	.06659	.07157	.06357	249.46000	7.63210	.07712
4.396	-2.500	29.33600	5.95510	-1.89320	4.10740	.06579	.07054	.06268	249.46000	7.63160	.07608
4.398	-2.300	29.33700	5.95510	-1.89440	4.11000	.06523	.06966	.06175	249.63000	7.63650	.07515
4.401	-2.100	29.35000	5.95520	-1.89600	4.10860	.06491	.06902	.06106	249.55000	7.63380	.07452
4.399	-1.900	29.35300	5.95530	-1.89730	4.10950	.06475	.06860	.06048	249.62000	7.63550	.07397
4.395	-1.700	29.36200	5.95530	-1.89860	4.10950	.06462	.06834	.06002	249.63000	7.63550	.07357
4.389	-1.500	29.37000	5.95540	-1.90000	4.10970	.06454	.06795	.05949	249.65000	7.63590	.07304
4.388	-1.300	29.37400	5.95540	-1.90130	4.11140	.06434	.06739	.05889	249.77000	7.63900	.07241
4.394	-1.100	29.38600	5.95550	-1.90330	4.11100	.06412	.06680	.05833	249.75000	7.63830	.07148
4.395	-.900	29.38800	5.95560	-1.90450	4.11300	.06387	.06669	.05773	249.89000	7.64210	.07032
4.387	-.700	29.40300	5.95560	-1.90670	4.11270	.06356	.06652	.05723	249.88000	7.64150	.06936
4.384	-.500	29.40300	5.95570	-1.90810	4.11380	.06332	.06622	.05677	249.96000	7.64360	.06861
4.383	-.300	29.41400	5.95580	-1.91030	4.11430	.06306	.06583	.05651	250.00000	7.64440	.06803
4.385	-.100	29.42000	5.95580	-1.91210	4.11500	.06283	.06528	.05639	250.05000	7.64570	.06748
4.398	.100	29.42700	5.95590	-1.91400	4.11650	.06258	.06476	.05650	250.15000	7.64850	.06703
4.405	.300	29.43900	5.95590	-1.91620	4.11530	.06232	.06412	.05663	250.09000	7.64630	.06647
4.396	.500	29.43900	5.95600	-1.91800	4.11460	.06200	.06353	.05693	250.06000	7.64500	.06605
4.396	.700	29.45200	5.95610	-1.92090	4.11390	.06169	.06304	.05747	250.03000	7.64370	.06559
4.391	.900	29.45200	5.95610	-1.92250	4.11560	.06154	.06249	.05803	250.14000	7.64690	.06528
4.385	1.100	29.46700	5.95620	-1.92460	4.11720	.06147	.06202	.05851	250.25000	7.64990	.06510
4.390	1.300	29.47000	5.95630	-1.92610	4.12080	.06175	.06157	.05940	250.48000	7.65650	.06526
4.387	1.500	29.47800	5.95630	-1.92800	4.11920	.06210	.06113	.06017	250.39000	7.65360	.06555
4.391	1.700	29.48700	5.95640	-1.92980	4.11820	.06228	.06080	.06042	250.35000	7.65180	.06558
4.387	1.900	29.48900	5.95650	-1.93140	4.11870	.06233	.06046	.06048	250.38000	7.65250	.06567
4.383	2.100	29.50400	5.95650	-1.93380	4.11730	.06246	.06021	.06054	250.31000	7.65000	.06576
4.388	2.300	29.50200	5.95660	-1.93530	4.11700	.06262	.05993	.06059	250.31000	7.64950	.06589
4.382	2.500	29.51300	5.95660	-1.93760	4.11580	.06279	.05966	.06071	250.24000	7.64710	.06603
4.378	2.700	29.51700	5.95670	-1.93950	4.11290	.06299	.05944	.06075	250.08000	7.64190	.06610
4.390	2.900	29.52300	5.95680	-1.94150	4.11460	.06320	.05934	.06081	250.19000	7.64500	.06630
4.380	3.100	29.53500	5.95680	-1.94390	4.11240	.06352	.05938	.06089	250.07000	7.64090	.06655
4.377	3.300	29.53600	5.95690	-1.94560	4.11190	.06387	.05950	.06093	250.05000	7.64000	.06682
4.384	3.500	29.54900	5.95700	-1.94820	4.11150	.06425	.05970	.06117	250.04000	7.63920	.06717

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0A257 (LARC 20-M6-6559) OV102

(S7E458) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 118/ 0 RN/L = 4.39 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.392	3.700	29.54700	5.95700	-1.94980	4.11240	.06474	.05996	.06152	250.10000	7.64090	.06760
4.382	3.846	29.54800	5.95710	-1.95120	4.11180	.06529	.06037	.06187	250.08000	7.63980	.06818
	GRADIENT	.03743	.00027	-.00987	.00121	-.00129	-.00273	.00018	.12428	.00221	-.00256

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0A257 (LARC 20-M6-6559) OV102

(S7EA58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODF = 2.000 S-DIR = 1.000

RUN NO. 2118/0 RN/L = 4.39 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.407	-4.600	29.26400	5.95440	-1.88030	4.09920	.06863	.07445	.06490	248.85000	7.61640	.08249
4.405	-4.400	29.26600	5.95450	-1.88120	4.10120	.06875	.07457	.06497	248.98000	7.62020	.08237
4.408	-4.200	29.27600	5.95450	-1.88260	4.10330	.06903	.07451	.06521	249.12000	7.62400	.08200
4.410	-4.000	29.27800	5.95460	-1.88370	4.10760	.06929	.07416	.06537	249.39000	7.63200	.08129
4.408	-3.800	29.28600	5.95470	-1.88500	4.10820	.06948	.07391	.06533	249.43000	7.63310	.08070
4.407	-3.600	29.29400	5.95470	-1.88630	4.10850	.06955	.07398	.06540	249.47000	7.63370	.08047
4.406	-3.400	29.29800	5.95480	-1.88740	4.10920	.06926	.07408	.06540	249.52000	7.63500	.08030
4.408	-3.200	29.31000	5.95490	-1.88880	4.10710	.06867	.07383	.06509	249.40000	7.63120	.07970
4.411	-3.000	29.31200	5.95490	-1.88970	4.10920	.06791	.07315	.06464	249.54000	7.63490	.07879
4.405	-2.800	29.32300	5.95500	-1.89110	4.10640	.06700	.07213	.06399	249.38000	7.62980	.07764
4.402	-2.600	29.32700	5.95500	-1.89230	4.10880	.06618	.07105	.06308	249.54000	7.63430	.07660
4.395	-2.400	29.33500	5.95510	-1.89380	4.10830	.06545	.07007	.06223	249.52000	7.63330	.07557
4.399	-2.200	29.34300	5.95520	-1.89520	4.10800	.06508	.06928	.06141	249.51000	7.63280	.07479
4.401	-2.000	29.34800	5.95520	-1.89650	4.10980	.06481	.06880	.06073	249.63000	7.63610	.07424
4.395	-1.800	29.36100	5.95530	-1.89810	4.10780	.06468	.06847	.06026	249.52000	7.63250	.07375
4.393	-1.600	29.36100	5.95540	-1.89900	4.11120	.06459	.06815	.05974	249.74000	7.63860	.07331
4.386	-1.400	29.37800	5.95540	-1.90100	4.11030	.06446	.06771	.05921	249.69000	7.63700	.07279
4.393	-1.200	29.37800	5.95550	-1.90220	4.11270	.06423	.06701	.05858	249.85000	7.64160	.07199
4.394	-1.000	29.38800	5.95550	-1.90390	4.11230	.06400	.06674	.05810	249.84000	7.64080	.07093
4.391	-.800	29.39800	5.95560	-1.90570	4.11170	.06372	.06664	.05744	249.81000	7.63970	.06981
4.385	-.600	29.39900	5.95570	-1.90710	4.11480	.06344	.06639	.05699	250.01000	7.64540	.06893
4.382	-.400	29.41100	5.95570	-1.90940	4.11240	.06319	.06606	.05661	249.88000	7.64090	.06830
4.384	-.200	29.41400	5.95580	-1.91100	4.11550	.06295	.06556	.05642	250.08000	7.64680	.06775
4.390	.000	29.42800	5.95590	-1.91330	4.11480	.06270	.06501	.05648	250.04000	7.64530	.06727
4.404	.200	29.42700	5.95590	-1.91470	4.11670	.06246	.06445	.05654	250.17000	7.64880	.06674
4.401	.400	29.44000	5.95600	-1.91710	4.11600	.06213	.06382	.05676	250.14000	7.64760	.06624
4.396	.600	29.44600	5.95600	-1.91950	4.11320	.06184	.06328	.05722	249.98000	7.64240	.06579
4.394	.800	29.45000	5.95610	-1.92160	4.11570	.06158	.06279	.05772	250.14000	7.64700	.06543
4.386	1.000	29.46400	5.95620	-1.92390	4.11480	.06149	.06224	.05828	250.10000	7.64530	.06517
4.390	1.200	29.46300	5.95620	-1.92500	4.12120	.06152	.06175	.05881	250.50000	7.65720	.06515
4.387	1.400	29.48100	5.95630	-1.92750	4.11900	.06195	.06135	.05980	250.37000	7.65310	.06541
4.391	1.600	29.47900	5.95640	-1.92870	4.11950	.06221	.06094	.06034	250.42000	7.65410	.06559
4.388	1.800	29.49000	5.95640	-1.93070	4.11740	.06232	.06064	.06045	250.30000	7.65020	.06564
4.384	2.000	29.49300	5.95650	-1.93230	4.11770	.06244	.06035	.06045	250.33000	7.65070	.06569
4.385	2.200	29.50000	5.95650	-1.93440	4.11740	.06256	.06008	.06059	250.33000	7.65030	.06586
4.386	2.400	29.51100	5.95660	-1.93660	4.11570	.06271	.05979	.06064	250.23000	7.64710	.06596
4.380	2.600	29.51300	5.95670	-1.93840	4.11570	.06289	.05955	.06073	250.24000	7.64710	.06608
4.385	2.800	29.52600	5.95670	-1.94090	4.11370	.06308	.05939	.06078	250.13000	7.64330	.06620
4.387	3.000	29.52500	5.95680	-1.94250	4.11420	.06335	.05932	.06085	250.17000	7.64420	.06641
4.376	3.200	29.53900	5.95690	-1.94500	4.11190	.06370	.05944	.06090	250.05000	7.64000	.06669
4.380	3.400	29.54300	5.95690	-1.94700	4.11100	.06405	.05962	.06101	250.00000	7.63820	.06696
4.388	3.600	29.54800	5.95700	-1.94900	4.11150	.06447	.05985	.06134	250.04000	7.63930	.06737

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OA257 (LARC 20-M6-6559) OV102

(S7EA58) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2118/ 0 RN/L = 4.39 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.391	3.800	29.55500	5.95710	-1.95120	4.11160	.06500	.06015	.06167	250.06000	7.63940	.06786
	GRADIENT	.03786	.00029	-.01005	.00064	-.00132	-.00267	.00019	.09286	.00114	-.00259

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DA257 (LARC 20-M6-6559) OV102

(S7E558) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 139/ O RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.460	-2.675	29.27800	5.95650	-1.88850	4.11880	.06581	.06996	.06075	250.39000	7.65280	.07554
4.476	-2.500	29.28300	5.95650	-1.88960	4.12740	.06541	.06928	.06048	250.92000	7.66870	.07501
4.487	-2.300	29.29300	5.95660	-1.89100	4.13360	.06510	.06860	.06015	251.31000	7.68030	.07450
4.496	-2.100	29.30300	5.95660	-1.89260	4.14100	.06489	.06815	.05981	251.77000	7.69410	.07404
4.520	-1.900	29.30700	5.95670	-1.89360	4.15340	.06475	.06768	.05940	252.54000	7.71700	.07354
4.534	-1.700	29.32500	5.95680	-1.89540	4.16350	.06458	.06723	.05897	253.16000	7.73590	.07293
4.536	-1.500	29.33000	5.95680	-1.89690	4.16940	.06436	.06664	.05847	253.53000	7.74680	.07224
4.531	-1.300	29.33400	5.95690	-1.89820	4.17220	.06406	.06623	.05797	253.71000	7.75210	.07136
4.527	-1.100	29.34700	5.95690	-1.90010	4.17210	.06359	.06655	.05735	253.72000	7.75190	.06970
4.528	-.900	29.34900	5.95700	-1.90160	4.17310	.06318	.06673	.05675	253.79000	7.75360	.06838
4.532	-.700	29.35800	5.95710	-1.90360	4.17290	.06282	.06653	.05630	253.79000	7.75340	.06749
4.537	-.500	29.36800	5.95710	-1.90560	4.17010	.06242	.06609	.05593	253.62000	7.74800	.06683
4.542	-.300	29.36800	5.95720	-1.90720	4.17050	.06213	.06535	.05569	253.66000	7.74890	.06630
4.538	-.100	29.38000	5.95720	-1.90930	4.16950	.06189	.06461	.05558	253.61000	7.74690	.06588
4.531	-.100	29.39300	5.95730	-1.91150	4.16920	.06164	.06380	.05567	253.61000	7.74650	.06549
4.535	.300	29.39100	5.95740	-1.91310	4.17150	.06138	.06306	.05595	253.75000	7.75070	.06516
4.540	.500	29.40300	5.95740	-1.91560	4.17070	.06109	.06232	.05627	253.72000	7.74920	.06483
4.549	.700	29.40800	5.95750	-1.91820	4.16730	.06088	.06160	.05693	253.52000	7.74290	.06448
4.550	.900	29.41300	5.95750	-1.92010	4.16770	.06084	.06102	.05779	253.55000	7.74360	.06431
4.548	1.100	29.42400	5.95760	-1.92220	4.16610	.06093	.06035	.05854	253.47000	7.74070	.06433
4.547	1.300	29.42800	5.95770	-1.92380	4.16740	.06128	.05970	.05957	253.56000	7.74310	.06454
4.544	1.500	29.43300	5.95770	-1.92540	4.16770	.06154	.05913	.06025	253.59000	7.74360	.06477
4.538	1.700	29.44400	5.95780	-1.92750	4.16560	.06163	.05870	.06037	253.47000	7.73980	.06480
4.537	1.900	29.44400	5.95790	-1.92910	4.16410	.06168	.05838	.06036	253.39000	7.73700	.06481
4.532	2.100	29.45400	5.95790	-1.93110	4.16190	.06174	.05815	.06034	253.27000	7.73280	.06486
4.532	2.300	29.46600	5.95800	-1.93340	4.15930	.06183	.05793	.06038	253.12000	7.72810	.06488
GRADIENT		.03671	.00031	-.00999	.00081	-.00131	-.00378	.00037	.11000	.00157	-.00197

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OA257 (LARC 20-M6-6559) OV102

(S7EB58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2139/ 0 RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.467	-.2.600	29.27700	5.95650	-1.88880	4.12270	.06566	.06964	.06066	250.63000	7.66010	.07534
4.480	-.2.400	29.29300	5.95650	-1.89060	4.12890	.06524	.06893	.06030	251.02000	7.67160	.07474
4.492	-.2.200	29.29400	5.95660	-1.89150	4.13810	.06499	.06836	.06000	251.59000	7.68870	.07428
4.506	-.2.000	29.30700	5.95670	-1.89320	4.14650	.06484	.06793	.05965	252.11000	7.70430	.07382
4.530	-.1.800	29.31800	5.95670	-1.89470	4.15810	.06465	.06746	.05918	252.83000	7.72580	.07323
4.536	-.1.600	29.32100	5.95680	-1.89580	4.16830	.06450	.06696	.05879	253.46000	7.74470	.07263
4.534	-.1.400	29.33600	5.95680	-1.89780	4.17060	.06423	.06637	.05829	253.61000	7.74910	.07185
4.528	-.1.200	29.34000	5.95690	-1.89910	4.17230	.06383	.06632	.05765	253.72000	7.75220	.07055
4.528	-.1.000	29.34300	5.95700	-1.90060	4.17330	.06341	.06670	.05705	253.80000	7.75410	.06901
4.530	-.800	29.35800	5.95700	-1.90280	4.17270	.06298	.06668	.05650	253.77000	7.75290	.06789
4.534	-.600	29.35900	5.95710	-1.90420	4.17070	.06260	.06632	.05614	253.66000	7.74930	.06713
4.541	-.400	29.36900	5.95710	-1.90640	4.17190	.06228	.06574	.05583	253.74000	7.75140	.06657
4.539	-.200	29.37800	5.95720	-1.90850	4.16830	.06200	.06495	.05563	253.53000	7.74470	.06607
4.536	.000	29.38100	5.95730	-1.91000	4.17120	.06173	.06417	.05565	253.72000	7.75010	.06565
4.531	.200	29.39200	5.95730	-1.91230	4.16950	.06147	.06344	.05581	253.63000	7.74700	.06537
4.538	.400	29.39900	5.95740	-1.91430	4.17060	.06120	.06267	.05607	253.71000	7.74910	.06495
4.546	.600	29.40200	5.95750	-1.91660	4.16950	.06097	.06193	.05654	253.65000	7.74690	.06464
4.550	.800	29.41400	5.95750	-1.91930	4.16680	.06084	.06133	.05740	253.50000	7.74190	.06440
4.547	1.000	29.41800	5.95760	-1.92120	4.16630	.06086	.06066	.05811	253.47000	7.74100	.06427
4.549	1.200	29.42200	5.95760	-1.92270	4.16750	.06111	.06002	.05901	253.56000	7.74330	.06440
4.545	1.400	29.43400	5.95770	-1.92490	4.16700	.06143	.05942	.06001	253.54000	7.74240	.06469
4.541	1.600	29.43600	5.95780	-1.92630	4.16680	.06161	.05888	.06035	253.54000	7.74190	.06479
4.537	1.800	29.44300	5.95780	-1.92830	4.16510	.06168	.05852	.06037	253.45000	7.73880	.06484
4.532	2.000	29.45400	5.95790	-1.93030	4.16170	.06172	.05825	.06032	253.25000	7.73240	.06483
4.533	2.200	29.45600	5.95790	-1.93200	4.16120	.06178	.05802	.06037	253.23000	7.73160	.06485
4.532	2.325	29.46800	5.95800	-1.93380	4.15930	.06185	.05792	.06038	253.12000	7.72790	.06490
GRADIENT	.03625	.00034	-.01014	-.00089	-.00135	-.00372	.00034	.00179	-.00170	-.00204	

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OA257 (LARC 20-M6-6559) OV102

(S7E658) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 151/ O RN/L = 4.50 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.549	-2.992	29.31800	5.95160	-1.88870	4.15260	.06732	.07163	.05788	251.60000	7.71570	.07756
4.549	-2.800	29.32400	5.95170	-1.89000	4.15630	.06660	.07068	.05754	251.84000	7.72260	.07674
4.560	-2.600	29.32700	5.95180	-1.89090	4.16100	.06601	.06982	.05703	252.14000	7.73130	.07595
4.564	-2.400	29.34300	5.95190	-1.89300	4.16290	.06572	.06918	.05672	252.27000	7.73490	.07545
4.576	-2.200	29.34300	5.95190	-1.89400	4.16710	.06549	.06862	.05634	252.53000	7.74270	.07494
4.570	-2.000	29.35400	5.95200	-1.89570	4.16700	.06529	.06807	.05583	252.54000	7.74250	.07439
4.573	-1.800	29.36100	5.95210	-1.89710	4.16890	.06499	.06745	.05535	252.67000	7.74600	.07369
4.564	-1.600	29.36700	5.95210	-1.89860	4.17050	.06469	.06684	.05469	252.77000	7.74890	.07286
4.556	-1.400	29.37900	5.95220	-1.90040	4.16920	.06433	.06627	.05408	252.71000	7.74660	.07203
4.555	-1.200	29.37900	5.95230	-1.90170	4.16840	.06388	.06701	.05333	252.68000	7.74520	.07029
4.547	-1.000	29.39000	5.95240	-1.90360	4.16280	.06345	.06731	.05261	252.35000	7.73470	.06899
4.538	-.800	29.39600	5.95240	-1.90530	4.16070	.06302	.06701	.05215	252.23000	7.73070	.06802
4.534	-.600	29.39800	5.95250	-1.90700	4.15640	.06261	.06643	.05174	251.99000	7.72280	.06729
4.525	-.400	29.41000	5.95260	-1.90940	4.14550	.06218	.06564	.05141	251.34000	7.70250	.06664
4.505	-.200	29.41000	5.95270	-1.91100	4.13370	.06176	.06475	.05125	250.64000	7.68070	.06610
4.481	.000	29.41400	5.95270	-1.91300	4.11450	.06133	.06381	.05119	249.49000	7.64500	.06547
4.469	.200	29.41700	5.95280	-1.91500	4.09930	.06083	.06286	.05115	248.57000	7.61660	.06493
4.459	.400	29.42000	5.95290	-1.91700	4.09120	.06034	.06197	.05123	248.10000	7.60160	.06431
4.447	.600	29.43200	5.95300	-1.91980	4.08770	.05997	.06121	.05174	247.90000	7.59510	.06381
4.445	.800	29.43300	5.95300	-1.92170	4.08400	.05981	.06057	.05240	247.69000	7.58830	.06352
4.435	1.000	29.44300	5.95310	-1.92370	4.07400	.05975	.05987	.05296	247.10000	7.56970	.06334
4.426	1.200	29.44400	5.95320	-1.92530	4.06360	.05986	.05917	.05377	246.47000	7.55030	.06333
4.417	1.400	29.44900	5.95330	-1.92700	4.05500	.06007	.05852	.05445	245.96000	7.53430	.06341
4.410	1.600	29.46200	5.95330	-1.92920	4.04750	.06009	.05802	.05465	245.52000	7.52040	.06342
4.395	1.800	29.45600	5.95340	-1.93020	4.04360	.06013	.05759	.05460	245.30000	7.51320	.06339
4.385	1.994	29.46700	5.95350	-1.93230	4.03880	.06014	.05729	.05451	245.02000	7.50430	.06332
GRADIENT		.02304	.00039	-.01029	-.06234	-.00224	-.00445	-.00008	-3.71785	-.11589	-.00291

DATE 14 DEC 82

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DA257 (LARC 20-M6-6559) DV102

(S7EC58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2151/ 0 RN/L = 4.50 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.548	-2.900	29.32300	5.95170	-1.88940	4.15390	.06701	.07119	.05775	251.69000	7.71820	.07721
4.554	-2.700	29.32300	5.95170	-1.89030	4.15930	.06628	.07022	.05729	252.03000	7.72810	.07635
4.561	-2.500	29.33700	5.95180	-1.89210	4.16100	.06584	.06947	.05686	252.14000	7.73130	.07568
4.573	-2.300	29.34500	5.95190	-1.89360	4.16600	.06561	.06890	.05658	252.46000	7.74070	.07525
4.572	-2.100	29.34600	5.95200	-1.89460	4.16710	.06539	.06837	.05604	252.54000	7.74260	.07468
4.571	-1.900	29.36100	5.95200	-1.89660	4.16750	.06513	.06778	.05560	252.57000	7.74340	.07405
4.569	-1.700	29.36200	5.95210	-1.89770	4.16980	.06486	.06716	.05503	252.73000	7.74770	.07327
4.560	-1.500	29.37400	5.95220	-1.89960	4.17020	.06452	.06654	.05434	252.77000	7.74840	.07245
4.556	-1.300	29.38100	5.95230	-1.90120	4.16920	.06412	.06662	.05369	252.72000	7.74650	.07123
4.552	-1.100	29.38300	5.95230	-1.90250	4.16590	.06363	.06718	.05292	252.53000	7.74040	.06955
4.542	-.900	29.39400	5.95240	-1.90450	4.16190	.06323	.06720	.05238	252.30000	7.73300	.06848
4.537	-.700	29.39500	5.95250	-1.90600	4.15950	.06280	.06678	.05196	252.17000	7.72840	.06763
4.530	-.500	29.40600	5.95260	-1.90830	4.15120	.06238	.06608	.05153	251.67000	7.71300	.06697
4.515	-.300	29.41000	5.95260	-1.91020	4.13970	.06195	.06524	.05129	250.99000	7.69170	.06633
4.494	-.100	29.41100	5.95270	-1.91200	4.12580	.06157	.06430	.05119	250.16000	7.66580	.06578
4.473	.100	29.41700	5.95280	-1.91420	4.10540	.06109	.06333	.05114	248.94000	7.62800	.06520
4.464	.300	29.41600	5.95280	-1.91580	4.09470	.06057	.06240	.05115	248.30000	7.60800	.06461
4.454	.500	29.42900	5.95290	-1.91860	4.08900	.06013	.06158	.05141	247.97000	7.59750	.06403
4.445	.700	29.43300	5.95300	-1.92080	4.08670	.05986	.06088	.05213	247.84000	7.59320	.06366
4.441	.900	29.43500	5.95310	-1.92250	4.07900	.05979	.06021	.05267	247.39000	7.57890	.06341
4.431	1.100	29.44700	5.95310	-1.92480	4.06910	.05977	.05955	.05333	246.80000	7.56050	.06332
4.419	1.300	29.44500	5.95320	-1.92610	4.05870	.06000	.05880	.05423	246.18000	7.54120	.06341
4.416	1.500	29.45500	5.95330	-1.92810	4.05050	.06009	.05826	.05457	245.70000	7.52600	.06342
4.402	1.700	29.45900	5.95340	-1.92970	4.04570	.06010	.05779	.05462	245.42000	7.51700	.06341
4.389	1.900	29.46200	5.95340	-1.93130	4.04060	.06014	.05742	.05450	245.13000	7.50760	.06336
	GRADIENT	.01986	.00031	-.01007	-.06663	-.00228	-.00457	-.00015	-.3.97000	-.12377	-.00292

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102

(S7E758) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 175/0 RN/L = 4.38 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.487	-4.447	29.16500	5.96360	-1.87500	4.10600	.05764	.05555	.04980	250.86000	7.62880	.06497
4.480	-4.300	29.18500	5.96370	-1.87690	4.10580	.05767	.05575	.04981	250.86000	7.62850	.06501
4.469	-4.100	29.17800	5.96380	-1.87740	4.10460	.05765	.05579	.04985	250.79000	7.62620	.06484
4.457	-3.900	29.18600	5.96380	-1.87890	4.09970	.05759	.05592	.04996	250.50000	7.61710	.06447
4.449	-3.700	29.19900	5.96380	-1.88050	4.09830	.05737	.05645	.05005	250.43000	7.61460	.06412
4.445	-3.500	29.19700	5.96390	-1.88110	4.10050	.05707	.05706	.05015	250.57000	7.61860	.06381
4.435	-3.300	29.20600	5.96390	-1.88250	4.09830	.05675	.05743	.05008	250.44000	7.61460	.06333
4.430	-3.100	29.21800	5.96400	-1.88400	4.09580	.05638	.05756	.05006	250.29000	7.60980	.06277
4.420	-2.900	29.21700	5.96400	-1.88470	4.09530	.05604	.05764	.04990	250.27000	7.60890	.06219
4.411	-2.700	29.22500	5.96400	-1.88610	4.09330	.05568	.05766	.04968	250.15000	7.60520	.06166
4.407	-2.500	29.23900	5.96410	-1.88790	4.09330	.05522	.05752	.04936	250.16000	7.60510	.06108
4.403	-2.300	29.24100	5.96410	-1.88890	4.09550	.05482	.05731	.04891	250.31000	7.60930	.06050
4.400	-2.100	29.24800	5.96420	-1.89030	4.09530	.05434	.05693	.04841	250.30000	7.60890	.05993
4.397	-1.900	29.26000	5.96420	-1.89210	4.09420	.05394	.05670	.04805	250.24000	7.60700	.05957
4.392	-1.700	29.26000	5.96430	-1.89320	4.09330	.05357	.05634	.04757	250.19000	7.60520	.05914
4.392	-1.500	29.26800	5.96430	-1.89470	4.09130	.05299	.05559	.04708	250.08000	7.60150	.05844
4.385	-1.300	29.28000	5.96430	-1.89670	4.08690	.05226	.05454	.04639	249.82000	7.59330	.05748
4.373	-1.100	29.27900	5.96440	-1.89780	4.08530	.05157	.05354	.04581	249.72000	7.59030	.05645
4.365	-.900	29.28700	5.96440	-1.89950	4.08380	.05107	.05282	.04520	249.64000	7.58770	.05562
4.359	-.700	29.30100	5.96450	-1.90170	4.08060	.05066	.05231	.04490	249.45000	7.58160	.05500
4.358	-.500	29.29900	5.96450	-1.90300	4.08200	.05027	.05177	.04467	249.54000	7.58420	.05436
4.353	-.300	29.30800	5.96450	-1.90510	4.07970	.04984	.05125	.04428	249.41000	7.57990	.05350
4.351	-.100	29.32100	5.96460	-1.90740	4.07850	.04991	.05135	.04460	249.35000	7.57770	.05373
4.358	.100	29.32200	5.96460	-1.90890	4.07940	.05001	.05143	.04482	249.41000	7.57940	.05385
4.357	.300	29.33200	5.96470	-1.91100	4.07960	.05013	.05153	.04502	249.42000	7.57970	.05398
4.364	.500	29.34500	5.96470	-1.91370	4.07870	.05014	.05140	.04529	249.38000	7.57810	.05395
4.372	.700	29.34200	5.96480	-1.91560	4.08090	.05009	.05116	.04542	249.52000	7.58210	.05386
4.366	.900	29.35000	5.96480	-1.91760	4.07910	.05015	.05090	.04560	249.42000	7.57880	.05374
4.360	1.100	29.36400	5.96480	-1.92000	4.07920	.05015	.05066	.04583	249.43000	7.57900	.05370
4.358	1.300	29.36400	5.96490	-1.92130	4.08060	.05012	.05043	.04587	249.52000	7.58160	.05357
4.356	1.500	29.37000	5.96490	-1.92320	4.07950	.05011	.05020	.04592	249.46000	7.57950	.05350
4.357	1.700	29.38400	5.96500	-1.92550	4.07870	.05008	.05002	.04598	249.42000	7.57810	.05349
4.366	1.900	29.38300	5.96500	-1.92700	4.07710	.05008	.04982	.04598	249.33000	7.57500	.05350
4.364	2.100	29.39000	5.96500	-1.92880	4.07270	.05013	.04969	.04598	249.07000	7.56700	.05350
4.357	2.300	29.40300	5.96510	-1.93130	4.07010	.05019	.04964	.04616	248.92000	7.56220	.05360
4.352	2.500	29.39900	5.96510	-1.93260	4.06890	.05035	.04970	.04624	248.85000	7.55990	.05369
4.353	2.700	29.41000	5.96520	-1.93490	4.06720	.05057	.04982	.04632	248.75000	7.55670	.05378
4.346	2.900	29.42300	5.96520	-1.93730	4.06460	.05093	.05012	.04642	248.60000	7.55190	.05407
4.351	3.100	29.42300	5.96530	-1.93910	4.06290	.05146	.05032	.04655	248.51000	7.54870	.05454
4.346	3.300	29.43000	5.96530	-1.94120	4.05710	.05202	.05057	.04681	248.16000	7.53800	.05496
4.341	3.500	29.44000	5.96530	-1.94360	4.05590	.05253	.05088	.04690	248.09000	7.53570	.05543
4.338	3.700	29.44300	5.96540	-1.94550	4.05290	.05363	.05152	.04719	247.93000	7.53020	.05644

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OA257 (LARC 20-M6-6559) OV102

(S7E758) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 175/ 0 RN/L = 4.38 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.345	3.896	29.44600	5.96550	-1.94720	4.05180	.05433	.05212	.04764	247.86000	7.52810	.05719
	GRADIENT	.04329	.00023	-.01039	-.00227	.00004	-.00014	.00079	-.10143	-.00420	-.00007

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(S7ED58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2175/ 0 RN/L = 4.38 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.484	-4.400	29.17800	5.96370	-1.87600	4.10460	.05768	.05567	.04977	250.79000	7.62630	.06501
4.475	-4.200	29.18100	5.96370	-1.87710	4.10590	.05766	.05578	.04983	250.87000	7.62870	.06497
4.464	-4.000	29.18100	5.96380	-1.87810	4.10310	.05761	.05579	.04992	250.71000	7.62340	.06468
4.452	-3.800	29.19200	5.96380	-1.87960	4.09890	.05746	.05616	.05000	250.46000	7.61560	.06426
4.447	-3.600	29.19800	5.96390	-1.88080	4.09950	.05723	.05680	.05011	250.50000	7.61680	.06401
4.441	-3.400	29.20000	5.96390	-1.88180	4.09960	.05691	.05726	.05015	250.52000	7.61700	.06358
4.430	-3.200	29.21400	5.96390	-1.88330	4.09640	.05655	.05755	.05005	250.33000	7.61100	.06307
4.426	-3.000	29.21600	5.96400	-1.88430	4.09630	.05622	.05761	.04999	250.33000	7.61080	.06248
4.415	-2.800	29.22000	5.96400	-1.88530	4.09470	.05586	.05765	.04982	250.24000	7.60780	.06191
4.409	-2.600	29.23500	5.96410	-1.88720	4.09290	.05546	.05761	.04954	250.13000	7.60440	.06131
4.404	-2.400	29.24000	5.96410	-1.88830	4.09420	.05501	.05741	.04913	250.22000	7.60700	.06078
4.402	-2.200	29.24200	5.96420	-1.88940	4.09590	.05457	.05711	.04864	250.33000	7.61010	.06021
4.399	-2.000	29.25700	5.96420	-1.89130	4.09460	.05413	.05682	.04824	250.26000	7.60770	.05975
4.394	-1.800	29.26200	5.96420	-1.89270	4.09420	.05375	.05652	.04783	250.24000	7.60680	.05937
4.393	-1.600	29.26200	5.96430	-1.89380	4.09310	.05329	.05605	.04731	250.18000	7.60490	.05890
4.391	-1.400	29.27700	5.96430	-1.89580	4.08910	.05261	.05505	.04674	249.95000	7.59740	.05795
4.378	-1.200	29.28100	5.96440	-1.89720	4.08530	.05192	.05402	.04613	249.72000	7.59040	.05694
4.369	-1.000	29.28300	5.96440	-1.89870	4.08490	.05132	.05316	.04544	249.71000	7.58970	.05604
4.361	-.800	29.29700	5.96440	-1.90080	4.08150	.05086	.05254	.04502	249.50000	7.58330	.05524
4.358	-.600	29.29900	5.96450	-1.90240	4.08110	.05050	.05206	.04483	249.48000	7.58250	.05474
4.356	-.400	29.30200	5.96450	-1.90390	4.08110	.04999	.05139	.04440	249.49000	7.58250	.05380
4.351	-.200	29.31800	5.96460	-1.90640	4.07910	.04989	.05129	.04438	249.38000	7.57890	.05356
4.354	.000	29.32200	5.96460	-1.90810	4.07850	.04994	.05137	.04473	249.35000	7.57780	.05375
4.358	.200	29.32400	5.96470	-1.90980	4.07980	.05007	.05148	.04492	249.43000	7.58010	.05393
4.359	.400	29.33800	5.96470	-1.91230	4.07900	.05019	.05153	.04524	249.40000	7.57870	.05400
4.371	.600	29.34200	5.96470	-1.91480	4.08080	.05010	.05126	.04543	249.51000	7.58200	.05392
4.370	.800	29.34300	5.96480	-1.91650	4.08020	.05010	.05101	.04551	249.48000	7.58080	.05379
4.362	1.000	29.36000	5.96480	-1.91900	4.07850	.05014	.05079	.04571	249.38000	7.57770	.05371
4.359	1.200	29.36200	5.96490	-1.92060	4.07960	.05012	.05053	.04587	249.46000	7.57980	.05362
4.359	1.400	29.36800	5.96490	-1.92240	4.08160	.05014	.05028	.04590	249.59000	7.58340	.05351
4.357	1.600	29.38100	5.96490	-1.92460	4.07950	.05010	.05011	.04593	249.47000	7.57960	.05350
4.359	1.800	29.38400	5.96500	-1.92630	4.07780	.05007	.04994	.04599	249.37000	7.57640	.05346
4.368	2.000	29.38500	5.96500	-1.92780	4.07640	.05007	.04970	.04595	249.29000	7.57380	.05351
4.359	2.200	29.39900	5.96510	-1.93030	4.07030	.05013	.04965	.04607	248.93000	7.56240	.05352
4.355	2.400	29.40200	5.96510	-1.93190	4.07020	.05027	.04966	.04621	248.93000	7.56240	.05363
4.352	2.600	29.40300	5.96520	-1.93370	4.06780	.05044	.04975	.04627	248.79000	7.55780	.05371
4.352	2.800	29.42000	5.96520	-1.93630	4.06680	.05076	.04999	.04636	248.74000	7.55600	.05389
4.347	3.000	29.41900	5.96520	-1.93800	4.06480	.05122	.05023	.04652	248.62000	7.55220	.05431
4.351	3.200	29.42300	5.96530	-1.93990	4.06060	.05175	.05040	.04671	248.37000	7.54440	.05473
4.343	3.400	29.43900	5.96530	-1.94260	4.05600	.05224	.05071	.04684	248.10000	7.53600	.05517
4.340	3.600	29.43300	5.96540	-1.94390	4.05450	.05333	.05134	.04717	248.01000	7.53300	.05620
4.340	3.800	29.45200	5.96540	-1.94680	4.05220	.05389	.05172	.04730	247.88000	7.52880	.05671
	GRADIENT	.03696	.00020	-.01025	-.00079	-.00011	-.00034	.00071	-.00714	-.00141	-.00030

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(S7E858) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 231/ 0 RN/L = 4.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.507	-4.792	29.28600	5.95940	-1.87950	4.10560	.05623	.04753	.04807	250.09000	7.62820	.05564
4.492	-4.600	29.29200	5.95950	-1.88090	4.09600	.05623	.04742	.04798	249.53000	7.61030	.05574
4.507	-4.400	29.29300	5.95960	-1.88170	4.09350	.05672	.04761	.04829	249.40000	7.60580	.05661
4.494	-4.200	29.29200	5.95970	-1.88250	4.09140	.05724	.04781	.04853	249.30000	7.60190	.05759
4.500	-4.000	29.29600	5.95990	-1.88370	4.09190	.05758	.04783	.04859	249.35000	7.60280	.05818
4.512	-3.800	29.30400	5.96000	-1.88500	4.09240	.05778	.04786	.04856	249.40000	7.60370	.05852
4.502	-3.600	29.31400	5.96010	-1.88640	4.09300	.05789	.04778	.04857	249.45000	7.60470	.05864
4.490	-3.400	29.32600	5.96020	-1.88800	4.09360	.05780	.04751	.04850	249.51000	7.60580	.05852
4.488	-3.200	29.33400	5.96030	-1.88920	4.09600	.05755	.04712	.04818	249.68000	7.61030	.05816
4.498	-3.000	29.34400	5.96040	-1.89070	4.09800	.05728	.04680	.04776	249.82000	7.61410	.05780
4.497	-2.800	29.35200	5.96060	-1.89220	4.10010	.05694	.04642	.04740	249.97000	7.61790	.05740
4.515	-2.600	29.35900	5.96070	-1.89340	4.10490	.05650	.04590	.04691	250.28000	7.62680	.05698
4.533	-2.400	29.36200	5.96080	-1.89450	4.10690	.05620	.04541	.04640	250.42000	7.63050	.05669
4.521	-2.200	29.36700	5.96090	-1.89600	4.11030	.05599	.04495	.04596	250.65000	7.63700	.05660
4.519	-2.000	29.37500	5.96100	-1.89760	4.11450	.05573	.04456	.04558	250.92000	7.64460	.05659
4.523	-1.800	29.38300	5.96110	-1.89930	4.11570	.05567	.04439	.04545	251.02000	7.64690	.05672
4.529	-1.600	29.39100	5.96130	-1.90070	4.11780	.05567	.04437	.04540	251.17000	7.65080	.05695
4.531	-1.400	29.40300	5.96140	-1.90240	4.12190	.05572	.04438	.04537	251.44000	7.65840	.05717
4.524	-1.200	29.41300	5.96150	-1.90410	4.12510	.05584	.04443	.04517	251.66000	7.66450	.05732
4.525	-1.000	29.42100	5.96160	-1.90590	4.12510	.05604	.04450	.04517	251.67000	7.66430	.05753
4.525	-.800	29.42800	5.96170	-1.90760	4.12640	.05627	.04456	.04513	251.77000	7.66670	.05779
4.528	-.600	29.43400	5.96190	-1.90940	4.12830	.05692	.04475	.04529	251.91000	7.67030	.05859
4.541	-.400	29.43300	5.96200	-1.91100	4.13000	.05802	.04500	.04562	252.04000	7.67350	.06004
4.546	-.200	29.44100	5.96210	-1.91300	4.13470	.05899	.04529	.04615	252.34000	7.68210	.06128
4.541	0.000	29.45400	5.96220	-1.91530	4.13660	.06023	.04582	.04675	252.48000	7.68580	.06258
4.539	.200	29.46100	5.96230	-1.91730	4.13960	.06140	.04647	.04758	252.69000	7.69140	.06381
4.546	.400	29.46800	5.96240	-1.92010	4.14110	.06248	.04712	.04825	252.79000	7.69400	.06498
4.551	.600	29.47800	5.96260	-1.92260	4.14090	.06323	.04743	.04867	252.80000	7.69360	.06570
4.559	.800	29.48800	5.96270	-1.92480	4.13910	.06361	.04751	.04870	252.71000	7.69040	.06603
4.545	1.000	29.49400	5.96280	-1.92690	4.12930	.06397	.04762	.04854	252.14000	7.67220	.06632
4.535	1.200	29.49700	5.96290	-1.92870	4.11590	.06414	.04763	.04842	251.34000	7.64730	.06659
4.531	1.400	29.49900	5.96300	-1.93030	4.10310	.06420	.04766	.04831	250.58000	7.62350	.06667
4.520	1.600	29.50000	5.96310	-1.93200	4.09660	.06434	.04770	.04819	250.20000	7.61140	.06681
4.518	1.800	29.50600	5.96330	-1.93400	4.09190	.06453	.04778	.04818	249.94000	7.60270	.06703
4.514	2.000	29.51100	5.96340	-1.93590	4.09410	.06502	.04794	.04820	250.09000	7.60670	.06749
4.507	2.200	29.52200	5.96350	-1.93840	4.09500	.06557	.04807	.04825	250.17000	7.60850	.06799
4.514	2.400	29.52900	5.96360	-1.94050	4.09220	.06618	.04822	.04837	250.01000	7.60310	.06854
4.536	2.600	29.53900	5.96370	-1.94290	4.09210	.06686	.04836	.04841	250.03000	7.60310	.06907
4.520	2.800	29.54800	5.96390	-1.94520	4.09160	.06777	.04867	.04853	250.02000	7.60200	.06981
4.513	3.000	29.55700	5.96400	-1.94760	4.09500	.06869	.04904	.04871	250.25000	7.60850	.07049
4.512	3.200	29.56300	5.96410	-1.94950	4.09650	.06949	.04941	.04912	250.36000	7.61120	.07112
4.502	3.400	29.56500	5.96420	-1.95150	4.09800	.07038	.04987	.04947	250.47000	7.61390	.07205

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-MG-6559) OV102

(S7E858) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 231/ 0 RN/L = 4.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.507	3.577	29.56300	5.96440	-1.95290	4.09990	.07127	.05026	.04994	250.61000	7.61740	.07309
	GRADIENT		.00055	-.01109	.01159	.00541	.00241	.00301	.80714	.02146	.00602

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 703

0A257 (LARC 20-M6-6559) OV102

(S7EE58) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2231/ 0 RN/L = 4.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.491	-4.700	29.29200	5.95950	-1.88040	4.09700	.05613	.04745	.04798	249.58000	7.61220	.05558
4.499	-4.500	29.29400	5.95960	-1.88140	4.09500	.05645	.04748	.04810	249.48000	7.60840	.05617
4.501	-4.300	29.29300	5.95970	-1.88210	4.09190	.05699	.04774	.04837	249.32000	7.60280	.05714
4.495	-4.100	29.29200	5.95980	-1.88300	4.09130	.05743	.04780	.04858	249.30000	7.60170	.05793
4.506	-3.900	29.30000	5.95990	-1.88440	4.09260	.05768	.04784	.04856	249.40000	7.60400	.05838
4.508	-3.700	29.31100	5.96000	-1.88580	4.09270	.05786	.04786	.04863	249.43000	7.60430	.05862
4.494	-3.500	29.31700	5.96020	-1.88700	4.09290	.05785	.04764	.04857	249.45000	7.60450	.05859
4.489	-3.300	29.33000	5.96030	-1.88870	4.09400	.05768	.04733	.04838	249.55000	7.60670	.05835
4.494	-3.100	29.33800	5.96040	-1.89000	4.09780	.05745	.04698	.04800	249.80000	7.61370	.05800
4.494	-2.900	29.35000	5.96050	-1.89150	4.09850	.05708	.04659	.04762	249.86000	7.61490	.05760
4.507	-2.700	29.35700	5.96060	-1.89300	4.10210	.05671	.04616	.04718	250.10000	7.62170	.05718
4.526	-2.500	29.36100	5.96070	-1.89400	4.10580	.05634	.04568	.04661	250.35000	7.62860	.05681
4.529	-2.300	29.36400	5.96090	-1.89530	4.10790	.05607	.04515	.04617	250.49000	7.63250	.05661
4.519	-2.100	29.37100	5.96100	-1.89680	4.11310	.05582	.04473	.04576	250.83000	7.64210	.05658
4.518	-1.900	29.37800	5.96110	-1.89840	4.11480	.05567	.04446	.04550	250.95000	7.64520	.05660
4.526	-1.700	29.38600	5.96120	-1.89990	4.11630	.05566	.04438	.04545	251.07000	7.64800	.05683
4.530	-1.500	29.39700	5.96130	-1.90140	4.11970	.05565	.04435	.04539	251.29000	7.65440	.05707
4.529	-1.300	29.40700	5.96140	-1.90330	4.12430	.05575	.04441	.04528	251.59000	7.66280	.05724
4.524	-1.100	29.41800	5.96160	-1.90500	4.12440	.05593	.04446	.04517	251.62000	7.66310	.05743
4.526	-.900	29.42500	5.96170	-1.90680	4.12560	.05615	.04454	.04514	251.72000	7.66540	.05764
4.524	-.700	29.43100	5.96180	-1.90840	4.12750	.05648	.04463	.04520	251.85000	7.66880	.05808
4.535	-.500	29.43400	5.96190	-1.91030	4.12820	.05749	.04485	.04548	251.91000	7.67000	.05936
4.543	-.300	29.44000	5.96200	-1.91210	4.13170	.05851	.04513	.04592	252.15000	7.67660	.06070
4.546	-.100	29.44600	5.96210	-1.91400	4.13560	.05959	.04550	.04640	252.41000	7.68400	.06193
4.539	.100	29.45500	5.96230	-1.91620	4.13860	.06083	.04617	.04721	252.61000	7.68940	.06319
4.543	.300	29.46400	5.96240	-1.91860	4.14150	.06194	.04680	.04789	252.81000	7.69480	.06441
4.546	.500	29.47600	5.96250	-1.92160	4.13990	.06293	.04735	.04853	252.73000	7.69190	.06543
4.560	.700	29.48200	5.96260	-1.92360	4.14150	.06343	.04749	.04868	252.85000	7.69480	.06586
4.551	.900	29.48900	5.96270	-1.92580	4.13380	.06379	.04755	.04867	252.40000	7.68040	.06618
4.539	1.100	29.49600	5.96290	-1.92790	4.12230	.06408	.04762	.04847	251.72000	7.65910	.06646
4.536	1.300	29.49500	5.96300	-1.92930	4.11010	.06417	.04763	.04837	250.99000	7.63640	.06667
4.523	1.500	29.49800	5.96310	-1.93100	4.09870	.06426	.04767	.04826	250.32000	7.61520	.06676
4.520	1.700	29.50300	5.96320	-1.93290	4.09470	.06440	.04773	.04817	250.09000	7.60780	.06684
4.516	1.900	29.50800	5.96330	-1.93490	4.09260	.06475	.04783	.04818	249.99000	7.60400	.06723
4.510	2.100	29.51500	5.96340	-1.93700	4.09460	.06527	.04801	.04819	250.13000	7.60760	.06773
4.507	2.300	29.52300	5.96360	-1.93920	4.09400	.06585	.04818	.04832	250.11000	7.60650	.06822
4.526	2.500	29.53200	5.96370	-1.94160	4.09230	.06647	.04828	.04841	250.03000	7.60330	.06876
4.531	2.700	29.54500	5.96380	-1.94420	4.09140	.06735	.04853	.04845	250.00000	7.60170	.06948
4.513	2.900	29.55400	5.96390	-1.94640	4.09350	.06821	.04882	.04865	250.15000	7.60570	.07013
4.514	3.100	29.56000	5.96400	-1.94880	4.09580	.06921	.04928	.04890	250.31000	7.60990	.07088
4.506	3.300	29.56300	5.96420	-1.95050	4.09880	.07000	.04970	.04936	250.51000	7.61550	.07162
4.506	3.500	29.56500	5.96430	-1.95230	4.09890	.07078	.05000	.04964	250.54000	7.61560	.07247
GRADIENT	.04157	.00063	-.01117	.01299	.00553	.00260	.00314	.89714	.02421	.00611	

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(S7E958) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	86.600	AIRRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 301/ O RN/L = 4.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.527	-4.650	29.13400	5.95770	-1.86790	4.12190	.06397	.05048	.06025	250.80000	7.65850	.06089
4.529	-4.500	29.14900	5.95780	-1.86940	4.11780	.06390	.05035	.06035	250.56000	7.65090	.06079
4.518	-4.300	29.14900	5.95790	-1.87050	4.11130	.06385	.05025	.06025	250.18000	7.63880	.06068
4.509	-4.100	29.15400	5.95790	-1.87170	4.10600	.06373	.05017	.06021	249.87000	7.62900	.06069
4.497	-3.900	29.15400	5.95800	-1.87280	4.09970	.06361	.05010	.06010	249.49000	7.61730	.06060
4.483	-3.700	29.16000	5.95800	-1.87420	4.09320	.06363	.05007	.05979	249.11000	7.60510	.06050
4.481	-3.500	29.16600	5.95810	-1.87570	4.09010	.06355	.04974	.05935	248.93000	7.59940	.05989
4.499	-3.300	29.17200	5.95820	-1.87710	4.08890	.06319	.04922	.05891	248.87000	7.59730	.05925
4.496	-3.100	29.17900	5.95820	-1.87860	4.09020	.06281	.04872	.05860	248.96000	7.59960	.05867
4.485	-2.900	29.18600	5.95830	-1.88010	4.08990	.06233	.04845	.05842	248.95000	7.59900	.05827
4.475	-2.700	29.19600	5.95830	-1.88180	4.08730	.06175	.04839	.05817	248.80000	7.59420	.05808
4.481	-2.500	29.19800	5.95840	-1.88310	4.08370	.06097	.04806	.05778	248.59000	7.58750	.05774
4.494	-2.300	29.20500	5.95850	-1.88460	4.08230	.06020	.04756	.05738	248.52000	7.58490	.05755
4.486	-2.100	29.21400	5.95850	-1.88610	4.08340	.05950	.04713	.05700	248.59000	7.58690	.05730
4.479	-1.900	29.22100	5.95860	-1.88770	4.08400	.05871	.04675	.05676	248.64000	7.58810	.05722
4.476	-1.700	29.22600	5.95860	-1.88940	4.08260	.05800	.04645	.05665	248.57000	7.58550	.05698
4.469	-1.500	29.23700	5.95870	-1.89120	4.08260	.05747	.04619	.05675	248.58000	7.58540	.05682
4.472	-1.300	29.24400	5.95880	-1.89300	4.08240	.05666	.04566	.05649	248.58000	7.58510	.05651
4.471	-1.100	29.24900	5.95880	-1.89460	4.08090	.05582	.04489	.05579	248.50000	7.58240	.05616
4.476	-.900	29.25200	5.95890	-1.89630	4.07830	.05528	.04432	.05541	248.35000	7.57760	.05620
4.467	-.700	29.26400	5.95900	-1.89830	4.07640	.05500	.04393	.05521	248.25000	7.57410	.05646
4.463	-.500	29.27000	5.95900	-1.90010	4.07810	.05497	.04371	.05520	248.36000	7.57710	.05661
4.467	-.300	29.27500	5.95910	-1.90220	4.07950	.05517	.04374	.05552	248.46000	7.57980	.05694
4.467	-.100	29.28200	5.95910	-1.90410	4.07840	.05563	.04404	.05606	248.40000	7.57770	.05741
4.466	.100	29.29100	5.95920	-1.90630	4.07790	.05610	.04452	.05659	248.38000	7.57670	.05783
4.467	.300	29.29800	5.95930	-1.90860	4.07560	.05659	.04518	.05715	248.25000	7.57250	.05834
4.477	.500	29.30000	5.95930	-1.91100	4.07380	.05705	.04598	.05767	248.15000	7.56900	.05880
4.459	.700	29.31100	5.95940	-1.91360	4.07210	.05723	.04624	.05785	248.06000	7.56600	.05915
4.453	.900	29.31900	5.95940	-1.91570	4.07230	.05730	.04626	.05785	248.08000	7.56630	.05935
4.456	1.100	29.32100	5.95950	-1.91750	4.07250	.05757	.04649	.05833	248.10000	7.56670	.05969
4.470	1.300	29.33000	5.95960	-1.91960	4.07210	.05779	.04670	.05864	248.09000	7.56600	.05992
4.463	1.500	29.33700	5.95960	-1.92160	4.07000	.05827	.04714	.05905	247.97000	7.56210	.06021
4.457	1.700	29.34300	5.95970	-1.92360	4.06790	.05862	.04761	.05931	247.85000	7.55810	.06059
4.456	1.900	29.34800	5.95980	-1.92560	4.06700	.05898	.04805	.05945	247.81000	7.55660	.06092
4.443	2.100	29.35500	5.95980	-1.92760	4.06510	.05960	.04846	.05962	247.70000	7.55300	.06152
4.443	2.300	29.36500	5.95990	-1.93010	4.06450	.05992	.04855	.05945	247.68000	7.55180	.06188
4.445	2.500	29.37100	5.95990	-1.93210	4.06340	.06034	.04858	.05930	247.62000	7.54990	.06220
4.441	2.700	29.37700	5.96000	-1.93430	4.06230	.06085	.04865	.05920	247.56000	7.54770	.06270
4.434	2.900	29.38100	5.96010	-1.93650	4.06200	.06167	.04876	.05930	247.56000	7.54710	.06325
GRADIENT		.03257	.00031	-.01084	-.00481	.00216	.00231	.00254	-.24286	-.00906	.00223

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OA257 (LARC 20-M6-6559) OV102

(S7EF58) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2301/ 0 RN/L = 4.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
4.530	-4.600	29.14100	5.95780	-1.86850	4.12010	.06394	.05039	.06028	250.70000	7.65510	.06080
4.524	-4.400	29.14700	5.95780	-1.86990	4.11450	.06388	.05030	.06029	250.37000	7.64480	.06069
4.513	-4.200	29.15100	5.95790	-1.87120	4.10810	.06380	.05019	.06025	249.99000	7.63290	.06074
4.506	-4.000	29.15500	5.95790	-1.87230	4.10370	.06366	.05014	.06013	249.73000	7.62480	.06065
4.488	-3.800	29.15600	5.95800	-1.87350	4.09600	.06366	.05010	.05993	249.27000	7.61040	.06055
4.481	-3.600	29.16300	5.95810	-1.87500	4.09140	.06357	.04989	.05952	249.00000	7.60180	.06013
4.488	-3.400	29.16900	5.95810	-1.87640	4.08810	.06340	.04950	.05912	248.81000	7.59570	.05962
4.503	-3.200	29.17400	5.95820	-1.87780	4.09030	.06302	.04897	.05875	248.96000	7.59970	.05897
4.490	-3.000	29.18200	5.95830	-1.87930	4.08960	.06255	.04853	.05855	248.93000	7.59850	.05846
4.479	-2.800	29.19000	5.95830	-1.88090	4.08920	.06207	.04843	.05826	248.91000	7.59780	.05813
4.476	-2.600	29.19800	5.95840	-1.88250	4.08530	.06138	.04825	.05799	248.69000	7.59060	.05787
4.488	-2.400	29.20200	5.95840	-1.88380	4.08260	.06060	.04781	.05764	248.53000	7.58550	.05761
4.490	-2.200	29.21000	5.95850	-1.88540	4.08210	.05985	.04737	.05719	248.51000	7.58450	.05735
4.481	-2.000	29.21700	5.95860	-1.88690	4.08420	.05913	.04695	.05686	248.65000	7.58840	.05719
4.480	-1.800	29.22300	5.95860	-1.88860	4.08240	.05834	.04660	.05667	248.55000	7.58520	.05706
4.472	-1.600	29.23200	5.95870	-1.89030	4.08310	.05771	.04630	.05670	248.60000	7.58640	.05694
4.464	-1.400	29.23900	5.95870	-1.89200	4.07990	.05718	.04607	.05680	248.42000	7.58050	.05661
4.475	-1.200	29.24800	5.95880	-1.89390	4.08270	.05620	.04525	.05612	248.60000	7.58560	.05633
4.475	-1.000	29.25200	5.95890	-1.89550	4.07980	.05555	.04460	.05555	248.44000	7.58030	.05618
4.472	-.800	29.25800	5.95890	-1.89730	4.07770	.05512	.04408	.05531	248.32000	7.57630	.05626
4.465	-.600	29.26800	5.95900	-1.89910	4.07720	.05497	.04379	.05517	248.30000	7.57540	.05648
4.463	-.400	29.27500	5.95900	-1.90140	4.07870	.05501	.04368	.05530	248.40000	7.57820	.05670
4.469	-.200	29.27900	5.95910	-1.90310	4.07940	.05536	.04388	.05576	248.45000	7.57950	.05717
4.469	.000	29.28700	5.95920	-1.90520	4.07860	.05587	.04428	.05634	248.41000	7.57800	.05764
4.465	.200	29.29400	5.95920	-1.90750	4.07690	.05635	.04480	.05685	248.32000	7.57480	.05804
4.477	.400	29.30000	5.95930	-1.90990	4.07460	.05682	.04557	.05744	248.19000	7.57060	.05854
4.469	.600	29.30400	5.95940	-1.91230	4.07350	.05720	.04620	.05785	248.14000	7.56850	.05899
4.454	.800	29.31400	5.95940	-1.91460	4.07170	.05725	.04621	.05785	248.04000	7.56520	.05921
4.452	1.000	29.32100	5.95950	-1.91670	4.07260	.05747	.04638	.05808	248.10000	7.56680	.05958
4.466	1.200	29.32600	5.95950	-1.91860	4.07290	.05768	.04662	.05852	248.13000	7.56740	.05979
4.468	1.400	29.33400	5.95960	-1.92050	4.07070	.05801	.04688	.05883	248.01000	7.56330	.06006
4.461	1.600	29.34000	5.95970	-1.92270	4.06900	.05847	.04738	.05923	247.91000	7.56020	.06044
4.456	1.800	29.34800	5.95970	-1.92470	4.06710	.05880	.04783	.05937	247.81000	7.55670	.06071
4.448	2.000	29.35100	5.95980	-1.92650	4.06620	.05929	.04827	.05951	247.77000	7.55500	.06118
4.440	2.200	29.36000	5.95980	-1.92890	4.06350	.05979	.04862	.05962	247.61000	7.55010	.06172
4.446	2.400	29.36700	5.95990	-1.93110	4.06370	.06013	.04860	.05937	247.64000	7.55040	.06206
4.444	2.600	29.37400	5.96000	-1.93330	4.06320	.06058	.04857	.05926	247.61000	7.54940	.06249
4.436	2.800	29.38000	5.96000	-1.93540	4.06080	.06123	.04871	.05924	247.48000	7.54500	.06290
4.433	2.974	29.38600	5.96010	-1.93740	4.06120	.06194	.04880	.05930	247.51000	7.54580	.06346
	GRADIENT	.03089	.00034	-.01089	-.00389	.00202	.00213	.00239	-.18393	-.00725	.00215

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OA257 (LARC 20-M6-6559) OV102

(S7E471) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 237 / 0 RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.231	-4.668	24.38600	5.98090	-1.62070	2.39920	.02509	.02267	.02136	148.35000	4.45740	.02671
2.224	-4.500	24.39800	5.98110	-1.62160	2.39870	.02505	.02265	.02139	148.33000	4.45650	.02671
2.226	-4.300	24.39900	5.98120	-1.62170	2.39930	.02514	.02270	.02139	148.38000	4.45750	.02673
2.228	-4.100	24.40200	5.98130	-1.62220	2.39840	.02522	.02268	.02137	148.33000	4.45580	.02680
2.224	-3.900	24.40800	5.98140	-1.62280	2.39890	.02528	.02270	.02140	148.38000	4.45680	.02681
2.221	-3.700	24.41000	5.98150	-1.62320	2.39960	.02538	.02268	.02150	148.43000	4.45810	.02680
2.222	-3.500	24.41400	5.98160	-1.62370	2.39840	.02548	.02267	.02153	148.37000	4.45590	.02680
2.233	-3.300	24.41700	5.98180	-1.62420	2.39820	.02555	.02259	.02157	148.37000	4.45550	.02683
2.236	-3.100	24.42100	5.98190	-1.62480	2.39800	.02557	.02257	.02159	148.37000	4.45520	.02680
2.238	-2.900	24.42400	5.98200	-1.62530	2.39760	.02553	.02250	.02163	148.36000	4.45440	.02669
2.232	-2.700	24.43200	5.98210	-1.62620	2.39720	.02542	.02242	.02154	148.35000	4.45370	.02653
2.225	-2.500	24.43800	5.98220	-1.62690	2.39720	.02524	.02236	.02147	148.36000	4.45370	.02630
2.232	-2.300	24.44200	5.98230	-1.62750	2.39700	.02511	.02228	.02146	148.36000	4.45330	.02612
2.243	-2.100	24.45100	5.98250	-1.62850	2.39580	.02501	.02222	.02139	148.30000	4.45110	.02598
2.236	-1.900	24.45600	5.98260	-1.62920	2.39610	.02493	.02213	.02136	148.33000	4.45160	.02589
2.230	-1.700	24.46500	5.98270	-1.63020	2.39540	.02490	.02201	.02139	148.30000	4.45040	.02595
2.226	-1.500	24.47100	5.98280	-1.63100	2.39580	.02497	.02195	.02155	148.34000	4.45110	.02612
2.223	-1.300	24.47800	5.98290	-1.63180	2.39560	.02504	.02184	.02175	148.33000	4.45060	.02632
2.222	-1.100	24.48700	5.98310	-1.63300	2.39530	.02513	.02170	.02190	148.33000	4.45020	.02644
2.227	-.900	24.49300	5.98320	-1.63370	2.39640	.02522	.02158	.02203	148.41000	4.45220	.02658
2.228	-.700	24.50000	5.98330	-1.63470	2.39660	.02521	.02142	.02210	148.43000	4.45250	.02658
2.230	-.500	24.50600	5.98340	-1.63550	2.39660	.02515	.02140	.02203	148.45000	4.45260	.02646
2.235	-.300	24.51200	5.98350	-1.63640	2.39670	.02513	.02155	.02202	148.47000	4.45280	.02650
2.232	-.100	24.51800	5.98370	-1.63740	2.39680	.02526	.02193	.02212	148.48000	4.45290	.02668
2.239	.100	24.52200	5.98380	-1.63820	2.39700	.02552	.02231	.02238	148.50000	4.45320	.02699
2.239	.300	24.52600	5.98390	-1.63900	2.39680	.02592	.02276	.02268	148.51000	4.45290	.02736
2.246	.500	24.53000	5.98400	-1.63980	2.39800	.02642	.02316	.02299	148.60000	4.45520	.02790
2.243	.700	24.53800	5.98410	-1.64100	2.39770	.02683	.02343	.02317	148.59000	4.45450	.02834
2.238	.900	24.54200	5.98430	-1.64200	2.39760	.02702	.02341	.02322	148.60000	4.45450	.02868
2.241	1.100	24.54500	5.98440	-1.64280	2.39770	.02721	.02332	.02314	148.61000	4.45450	.02902
2.249	1.300	24.55300	5.98450	-1.64410	2.39930	.02734	.02332	.02280	148.72000	4.45760	.02928
2.248	1.500	24.55800	5.98460	-1.64510	2.39890	.02749	.02342	.02252	148.71000	4.45680	.02965
2.248	1.700	24.56400	5.98480	-1.64640	2.39910	.02777	.02354	.02244	148.73000	4.45710	.03013
2.246	1.900	24.57000	5.98490	-1.64750	2.39830	.02811	.02358	.02253	148.70000	4.45570	.03068
2.255	2.100	24.58000	5.98500	-1.64890	2.39870	.02857	.02359	.02263	148.74000	4.45650	.03125
2.254	2.300	24.58700	5.98510	-1.65020	2.40010	.02911	.02346	.02270	148.83000	4.45890	.03178
2.253	2.500	24.59200	5.98520	-1.65140	2.39990	.02992	.02329	.02274	148.84000	4.45870	.03214
2.253	2.700	24.60000	5.98540	-1.65270	2.39970	.03099	.02314	.02274	148.83000	4.45820	.03233
2.247	2.900	24.60800	5.98550	-1.65420	2.40040	.03218	.02310	.02289	148.89000	4.45950	.03249
2.248	3.100	24.61500	5.98560	-1.65550	2.40150	.03324	.02313	.02299	148.97000	4.46170	.03270
2.246	3.300	24.62300	5.98570	-1.65680	2.40150	.03417	.02319	.02306	148.98000	4.46160	.03295
2.248	3.500	24.62900	5.98580	-1.65830	2.40090	.03481	.02323	.02309	148.96000	4.46040	.03323

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OA257 (LARC 20-M6-6559) OV102

(S7E471) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 237/ 0 RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.265	3.648	24.62700	5.98600	-1.65880	2.40480	.03521	.02334	.02323	149.22000	4.46760	.03357
	GRADIENT		.00061	-.00430	.00107	.00129	.00183	.00100	.12714	.00194	.00145

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PAGE 708

OA257 (LARC 20-M6-6559) DV102

(S7E471) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MOOF = 2.000 S-DIR = 1.000

RUN NO. 239/ O RN/L = 7.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.355	-4.679	24.12000	5.99820	-1.52110	6.84470	.07055	.06498	.06124	428.31000	12.71600	.06953
7.372	-4.500	24.13100	5.99830	-1.52340	6.85570	.07062	.06510	.06121	429.04000	12.73600	.06961
7.366	-4.300	24.13400	5.99840	-1.52520	6.85870	.07070	.06539	.06119	429.26000	12.74200	.06984
7.359	-4.100	24.14200	5.99850	-1.52760	6.85830	.07079	.06567	.06119	429.27000	12.74100	.07017
7.327	-3.900	24.14200	5.99870	-1.53000	6.83420	.07099	.06595	.06132	427.79000	12.69600	.07048
7.314	-3.700	24.14700	5.99880	-1.53260	6.82560	.07133	.06623	.06132	427.29000	12.68000	.07083
7.303	-3.500	24.15400	5.99890	-1.53500	6.82190	.07163	.06659	.06132	427.09000	12.67300	.07103
7.311	-3.300	24.16100	5.99900	-1.53740	6.82250	.07196	.06689	.06128	427.16000	12.67400	.07140
7.302	-3.100	24.16500	5.99910	-1.53970	6.81650	.07216	.06717	.06113	426.82000	12.66300	.07168
7.300	-2.900	24.17200	5.99920	-1.54210	6.81930	.07241	.06740	.06112	427.03000	12.66900	.07202
7.277	-2.700	24.17600	5.99940	-1.54450	6.80770	.07314	.06751	.06183	426.34000	12.64700	.07289
7.289	-2.500	24.18400	5.99950	-1.54670	6.82070	.07374	.06740	.06243	427.19000	12.67100	.07373
7.287	-2.300	24.19000	5.99960	-1.54900	6.82460	.07464	.06729	.06338	427.47000	12.67800	.07482
7.294	-2.100	24.19700	5.99970	-1.55140	6.83280	.07537	.06705	.06395	428.02000	12.69400	.07562
7.291	-1.900	24.20400	5.99980	-1.55380	6.83360	.07588	.06695	.06445	428.10000	12.69500	.07627
7.299	-1.700	24.21100	5.99990	-1.55610	6.84440	.07632	.06689	.06475	428.81000	12.71500	.07679
7.297	-1.500	24.21500	6.00010	-1.55830	6.84060	.07655	.06673	.06488	428.61000	12.70800	.07706
7.302	-1.300	24.22200	6.00020	-1.56060	6.84430	.07683	.06652	.06489	428.88000	12.71500	.07720
7.314	-1.100	24.22900	6.00030	-1.56300	6.85270	.07730	.06637	.06515	429.44000	12.73100	.07742
7.329	-.900	24.23000	6.00040	-1.56520	6.85450	.07791	.06648	.06552	429.58000	12.73400	.07775
7.335	-.700	24.24100	6.00050	-1.56770	6.86200	.07880	.06686	.06602	430.09000	12.74800	.07840
7.308	-.500	24.24400	6.00060	-1.57020	6.84690	.07990	.06768	.06684	429.17000	12.72000	.07935
7.305	-.300	24.24700	6.00080	-1.57270	6.83810	.08084	.06836	.06769	428.66000	12.70300	.08037
7.325	-.100	24.25000	6.00090	-1.57530	6.82320	.08151	.06867	.06823	427.76000	12.67600	.08099
7.283	.100	24.25100	6.00100	-1.57770	6.80510	.08193	.06881	.06849	426.66000	12.64200	.08139
7.264	.300	24.25700	6.00110	-1.58030	6.80520	.08225	.06905	.06856	426.70000	12.64200	.08184
7.258	.500	24.26100	6.00120	-1.58290	6.80110	.08238	.06898	.06816	426.48000	12.63500	.08202
7.241	.700	24.26600	6.00140	-1.58560	6.79310	.08236	.06882	.06745	426.01000	12.62000	.08200
7.261	.900	24.27700	6.00150	-1.58820	6.82260	.08235	.06852	.06638	427.89000	12.67500	.08173
7.215	1.100	24.27600	6.00160	-1.59090	6.77600	.08237	.06825	.06542	425.01000	12.58800	.08152
7.217	1.300	24.28100	6.00170	-1.59350	6.77130	.08223	.06776	.06430	424.75000	12.57900	.08131
7.201	1.500	24.28700	6.00180	-1.59630	6.76900	.08242	.06718	.06330	424.64000	12.57500	.08153
7.183	1.700	24.29100	6.00190	-1.59900	6.75850	.08202	.06636	.06193	424.02000	12.55600	.08101
7.169	1.900	24.29200	6.00210	-1.60160	6.74570	.08189	.06556	.06084	423.25000	12.53200	.08087
7.169	2.100	24.30500	6.00220	-1.60470	6.75190	.08194	.06492	.06001	423.67000	12.54300	.08089
7.156	2.300	24.30600	6.00230	-1.60730	6.74700	.08232	.06443	.05941	423.40000	12.53400	.08123
7.144	2.500	24.31100	6.00240	-1.61010	6.73250	.08267	.06378	.05905	422.52000	12.50700	.08166
7.161	2.700	24.32000	6.00250	-1.61310	6.74160	.08318	.06325	.05891	423.13000	12.52400	.08220
7.167	2.900	24.33000	6.00270	-1.61630	6.76070	.08358	.06298	.05882	424.36000	12.56000	.08265
7.172	3.100	24.33500	6.00280	-1.61900	6.76420	.08374	.06301	.05838	424.61000	12.56600	.08265
7.182	3.300	24.34200	6.00290	-1.62160	6.76520	.08404	.06295	.05830	424.71000	12.56800	.08305
7.186	3.500	24.34800	6.00300	-1.62520	6.76440	.08452	.06276	.05828	424.70000	12.56600	.08370

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OA257 (LARC 20-M6-6559) DV102

(S7E471) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 239/ O RN/L = 7.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.163	3.700	24.34900	6.00320	-1.62750	6.76800	.08591	.06275	.05887	424.97000	12.57300	.08534
	GRADIENT	.01657	.00057	-.01267	-.04940	.00244	.00125	.00135	-2.91857	-.09171	.00259

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0A257 (LARC 20-M6-6559) DV102

(S7EA71) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2237/ 0 RN/L = 2.24 GRADIENT' INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
2.225	-4.600	24.39500	5.98100	-1.62140	2.39840	.02505	.02267	.02139	148.31000	4.45590	.02669
2.225	-4.400	24.39900	5.98110	-1.62170	2.39940	.02509	.02268	.02139	148.38000	4.45770	.02671
2.227	-4.200	24.40000	5.98120	-1.62190	2.39840	.02516	.02268	.02137	148.33000	4.45600	.02675
2.226	-4.000	24.40500	5.98130	-1.62250	2.39880	.02526	.02268	.02139	148.37000	4.45670	.02680
2.222	-3.800	24.41000	5.98150	-1.62300	2.39930	.02532	.02271	.02148	148.41000	4.45760	.02681
2.222	-3.600	24.41100	5.98160	-1.62340	2.39890	.02541	.02265	.02153	148.40000	4.45690	.02680
2.225	-3.400	24.41300	5.98170	-1.62380	2.39830	.02549	.02264	.02155	148.37000	4.45570	.02683
2.236	-3.200	24.42000	5.98180	-1.62450	2.39790	.02557	.02256	.02159	148.36000	4.45500	.02683
2.238	-3.000	24.42400	5.98190	-1.62510	2.39790	.02558	.02252	.02161	148.37000	4.45490	.02676
2.236	-2.800	24.42800	5.98210	-1.62570	2.39720	.02548	.02246	.02160	148.34000	4.45370	.02664
2.229	-2.600	24.43300	5.98220	-1.62630	2.39760	.02533	.02239	.02150	148.38000	4.45440	.02640
2.226	-2.400	24.44200	5.98230	-1.62730	2.39710	.02517	.02233	.02147	148.36000	4.45350	.02620
2.240	-2.200	24.44700	5.98240	-1.62800	2.39670	.02507	.02228	.02145	148.34000	4.45260	.02604
2.240	-2.000	24.45400	5.98250	-1.62880	2.39630	.02497	.02220	.02143	148.33000	4.45200	.02591
2.233	-1.800	24.46000	5.98260	-1.62960	2.39600	.02490	.02207	.02138	148.33000	4.45140	.02587
2.228	-1.600	24.46600	5.98280	-1.63040	2.39540	.02495	.02198	.02148	148.30000	4.45030	.02602
2.224	-1.400	24.47500	5.98290	-1.63140	2.39570	.02501	.02188	.02166	148.33000	4.45080	.02623
2.222	-1.200	24.48100	5.98300	-1.63230	2.39580	.02505	.02176	.02185	148.35000	4.45100	.02639
2.224	-1.000	24.49100	5.98310	-1.63340	2.39570	.02517	.02165	.02198	148.36000	4.45080	.02655
2.229	-.800	24.49700	5.98330	-1.63420	2.39660	.02522	.02150	.02207	148.43000	4.45260	.02658
2.227	-.600	24.50300	5.98340	-1.63510	2.39580	.02516	.02142	.02209	148.39000	4.45110	.02653
2.235	-.400	24.50900	5.98350	-1.63600	2.39650	.02513	.02143	.02198	148.44000	4.45220	.02643
2.232	-.200	24.51400	5.98360	-1.63680	2.39670	.02517	.02172	.02205	148.47000	4.45270	.02658
2.235	.000	24.52000	5.98370	-1.63770	2.39690	.02537	.02211	.02225	148.50000	4.45320	.02682
2.239	.200	24.52400	5.98380	-1.63860	2.39710	.02566	.02249	.02249	148.52000	4.45350	.02712
2.242	.400	24.52800	5.98400	-1.63940	2.39740	.02617	.02299	.02287	148.55000	4.45410	.02760
2.245	.600	24.53400	5.98410	-1.64040	2.39750	.02666	.02333	.02308	148.57000	4.45410	.02814
2.239	.800	24.53900	5.98420	-1.64140	2.39750	.02697	.02345	.02320	148.58000	4.45420	.02853
2.238	1.000	24.54200	5.98430	-1.64230	2.39740	.02709	.02332	.02316	148.59000	4.45400	.02883
2.245	1.200	24.54900	5.98440	-1.64340	2.39880	.02730	.02329	.02300	148.69000	4.45660	.02920
2.249	1.400	24.55400	5.98460	-1.64450	2.39830	.02741	.02335	.02261	148.67000	4.45580	.02945
2.246	1.600	24.56000	5.98470	-1.64560	2.39920	.02759	.02348	.02240	148.73000	4.45730	.02988
2.248	1.800	24.56800	5.98480	-1.64700	2.39860	.02792	.02358	.02249	148.71000	4.45630	.03041
2.250	2.000	24.57600	5.98490	-1.64830	2.39780	.02835	.02360	.02260	148.68000	4.45480	.03099
2.255	2.200	24.58200	5.98510	-1.64950	2.39960	.02882	.02353	.02268	148.80000	4.45810	.03152
2.252	2.400	24.59000	5.98520	-1.65080	2.39980	.02944	.02337	.02270	148.83000	4.45850	.03200
2.254	2.600	24.59600	5.98530	-1.65210	2.39950	.03042	.02323	.02269	148.81000	4.45780	.03224
2.249	2.800	24.60200	5.98540	-1.65330	2.39980	.03164	.02311	.02281	148.85000	4.45850	.03240
2.247	3.000	24.61000	5.98550	-1.65470	2.40150	.03272	.02311	.02291	148.97000	4.46160	.03258
2.248	3.200	24.62000	5.98570	-1.65630	2.40160	.03374	.02315	.02303	148.98000	4.46180	.03283
2.246	3.400	24.62400	5.98580	-1.65750	2.40140	.03454	.02321	.02309	148.99000	4.46140	.03310
2.255	3.600	24.62900	5.98590	-1.65870	2.40130	.03501	.02325	.02314	148.99000	4.46120	.03333
	GRADIENT	.02518	.00059	-.00437	.00130	.00126	.00172	.00093	.14464	.00243	.00138

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DA257 (LARC 20-M6-6559) OV102

(S7EA71) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2239/ 0 RN/L = 7.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.374	-4.600	24.13100	5.99830	-1.52240	6.85570	.07059	.06502	.06121	429.02000	12.73600	.06955
7.365	-4.400	24.13000	5.99840	-1.52420	6.85320	.07069	.06522	.06123	428.90000	12.73200	.06973
7.363	-4.200	24.13800	5.99850	-1.52650	6.85910	.07070	.06553	.06118	429.30000	12.74200	.07000
7.342	-4.000	24.14000	5.99860	-1.52870	6.84700	.07087	.06582	.06130	428.57000	12.72000	.07032
7.326	-3.800	24.14500	5.99870	-1.53120	6.83300	.07115	.06607	.06132	427.73000	12.69400	.07064
7.307	-3.600	24.14900	5.99880	-1.53380	6.82370	.07152	.06638	.06132	427.18000	12.67700	.07092
7.302	-3.400	24.15500	5.99890	-1.53610	6.81700	.07179	.06677	.06132	426.80000	12.66400	.07123
7.306	-3.200	24.16300	5.99910	-1.53850	6.82250	.07207	.06706	.06127	427.18000	12.67400	.07155
7.307	-3.000	24.17000	5.99920	-1.54100	6.81650	.07224	.06731	.06113	426.84000	12.66300	.07179
7.278	-2.800	24.17200	5.99930	-1.54330	6.80660	.07288	.06751	.06153	426.25000	12.64500	.07260
7.281	-2.600	24.17800	5.99940	-1.54550	6.81170	.07333	.06744	.06202	426.61000	12.65500	.07318
7.290	-2.400	24.18700	5.99950	-1.54780	6.82520	.07422	.06738	.06296	427.49000	12.67900	.07436
7.286	-2.200	24.19300	5.99970	-1.55010	6.82460	.07499	.06717	.06369	427.48000	12.67800	.07521
7.290	-2.000	24.20100	5.99980	-1.55270	6.83210	.07563	.06699	.06419	427.99000	12.69200	.07597
7.293	-1.800	24.20700	5.99990	-1.55500	6.83630	.07611	.06692	.06461	428.28000	12.70000	.07651
7.291	-1.600	24.21000	6.00000	-1.55710	6.83700	.07643	.06683	.06485	428.36000	12.70100	.07698
7.303	-1.400	24.21900	6.00010	-1.55960	6.84480	.07664	.06661	.06484	428.89000	12.71600	.07708
7.306	-1.200	24.22200	6.00020	-1.56160	6.84640	.07705	.06642	.06499	429.02000	12.71900	.07733
7.322	-1.000	24.22900	6.00040	-1.56410	6.85590	.07758	.06638	.06535	429.65000	12.73600	.07755
7.335	-.800	24.23600	6.00050	-1.56640	6.85800	.07832	.06665	.06571	429.82000	12.74000	.07799
7.317	-.600	24.24000	6.00060	-1.56880	6.84920	.07937	.06728	.06646	429.30000	12.72400	.07890
7.311	-.400	24.24700	6.00070	-1.57150	6.84990	.08035	.06800	.06723	429.38000	12.72500	.07985
7.313	-.200	24.24800	6.00080	-1.57410	6.82720	.08125	.06857	.06800	427.99000	12.68300	.08076
7.301	.000	24.24900	6.00090	-1.57640	6.80970	.08178	.06874	.06846	426.93000	12.65100	.08125
7.276	.200	24.25400	6.00110	-1.57900	6.80710	.08207	.06891	.06853	426.80000	12.64600	.08163
7.258	.400	24.26000	6.00120	-1.58160	6.80320	.08233	.06904	.06845	426.59000	12.63800	.08189
7.252	.600	24.26500	6.00130	-1.58420	6.79920	.08244	.06892	.06786	426.38000	12.63100	.08213
7.249	.800	24.27200	6.00140	-1.58690	6.80570	.08231	.06865	.06691	426.82000	12.64300	.08181
7.244	1.000	24.27800	6.00150	-1.58970	6.80650	.08237	.06840	.06585	426.91000	12.64500	.08165
7.210	1.200	24.27700	6.00160	-1.59210	6.76620	.08234	.06804	.06484	424.41000	12.57000	.08144
7.212	1.400	24.28400	6.00180	-1.59480	6.77440	.08228	.06744	.06373	424.96000	12.58500	.08137
7.189	1.600	24.28800	6.00190	-1.59760	6.76110	.08229	.06682	.06276	424.16000	12.56000	.08136
7.175	1.800	24.29500	6.00200	-1.60050	6.75270	.08190	.06593	.06122	423.67000	12.54500	.08086
7.165	2.000	24.29800	6.00210	-1.60310	6.74480	.08185	.06521	.06034	423.21000	12.53000	.08086
7.165	2.200	24.30700	6.00220	-1.60610	6.75350	.08210	.06466	.05967	423.79000	12.54600	.08102
7.142	2.400	24.30900	6.00240	-1.60870	6.73260	.08253	.06419	.05923	422.51000	12.50700	.08146
7.161	2.600	24.31700	6.00250	-1.61170	6.74110	.08291	.06347	.05893	423.08000	12.52300	.08189
7.169	2.800	24.32600	6.00260	-1.61480	6.75690	.08340	.06307	.05889	424.11000	12.55300	.08251
7.167	3.000	24.33100	6.00270	-1.61760	6.76030	.08369	.06297	.05867	424.35000	12.55900	.08267
7.178	3.200	24.33900	6.00280	-1.62050	6.76360	.08393	.06299	.05834	424.60000	12.56500	.08287
7.189	3.400	24.34400	6.00300	-1.62350	6.76980	.08426	.06284	.05826	425.02000	12.57600	.08337
7.176	3.600	24.35100	6.00310	-1.62660	6.76470	.08493	.06271	.05847	424.73000	12.56700	.08422

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OA257 (LARC 20-M6-6559) OV102

(S7EA71) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2239/ O RN/L = 7.26 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.160	3.718	24.34700	6.00320	-1.62760	6.77000	.08634	.06278	.05906	425.11000	12.57700	.08581
	GRADIENT	.01911	.00061	-.01273	-.04705	.00250	.00131	.00128	-.2.77321	-.08750	.00262

DATE 14 DEC 82

OA257 (LARC 20HTG-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(S7E473) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 240/ O RN/L = 7.45 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.523	-4.932	28.83500	5.98800	-1.78770	6.83010	.08721	.07305	.06908	424.40000	12.68900	.08510
7.518	-4.800	28.84400	5.98820	-1.79010	6.81170	.08697	.07283	.06902	423.31000	12.65500	.08492
7.515	-4.600	28.84600	5.98840	-1.79230	6.81250	.08677	.07229	.06878	423.41000	12.65600	.08491
7.503	-4.400	28.85100	5.98850	-1.79460	6.80830	.08697	.07189	.06851	423.20000	12.64900	.08548
7.499	-4.200	28.85800	5.98870	-1.79710	6.80990	.08735	.07177	.06830	423.35000	12.65200	.08638
7.500	-4.000	28.86900	5.98890	-1.79990	6.80880	.08763	.07147	.06800	423.34000	12.65000	.08723
7.500	-3.800	28.87300	5.98910	-1.80250	6.80710	.08789	.07109	.06778	423.28000	12.64600	.08793
7.508	-3.600	28.88100	5.98920	-1.80510	6.81250	.08824	.07083	.06782	423.67000	12.65600	.08858
7.530	-3.400	28.89500	5.98940	-1.80780	6.83130	.08870	.07059	.06801	424.89000	12.69100	.08917
7.511	-3.200	28.89900	5.98960	-1.81040	6.82550	.08939	.07054	.06838	424.58000	12.68000	.08988
7.516	-3.000	28.90600	5.98980	-1.81300	6.82400	.08999	.07032	.06874	424.54000	12.67800	.09040
7.518	-2.800	28.91500	5.98990	-1.81600	6.82450	.09047	.07001	.06893	424.62000	12.67900	.09085
7.507	-2.600	28.92400	5.99010	-1.81850	6.83300	.09096	.06975	.06908	425.20000	12.69400	.09123
7.512	-2.400	28.93300	5.99030	-1.82110	6.84440	.09154	.06970	.06943	425.96000	12.71500	.09165
7.512	-2.200	28.94200	5.99050	-1.82390	6.85020	.09200	.06981	.06988	426.37000	12.72600	.09212
7.523	-2.000	28.94900	5.99060	-1.82650	6.86170	.09223	.06997	.07017	427.14000	12.74800	.09249
7.514	-1.800	28.95600	5.99080	-1.82940	6.85960	.09248	.06999	.07031	427.07000	12.74400	.09259
7.528	-1.600	28.96900	5.99100	-1.83230	6.87670	.09284	.07017	.07036	428.18000	12.77600	.09282
7.495	-1.400	28.97100	5.99120	-1.83520	6.85050	.09327	.07046	.07034	426.60000	12.72700	.09309
7.468	-1.200	28.97100	5.99140	-1.83820	6.81860	.09326	.07048	.06993	424.66000	12.66800	.09305
7.467	-1.000	28.97400	5.99150	-1.84120	6.80510	.09337	.07048	.06944	423.88000	12.64200	.09307
7.436	-.800	28.97600	5.99170	-1.84410	6.78080	.09328	.07054	.06901	422.41000	12.59700	.09302
7.424	-.600	28.98000	5.99190	-1.84700	6.77190	.09312	.07049	.06858	421.91000	12.58100	.09308
7.398	-.400	28.98600	5.99210	-1.85030	6.75550	.09316	.07047	.06827	420.94000	12.55000	.09334
7.394	-.200	28.99500	5.99220	-1.85340	6.76430	.09325	.07049	.06797	421.54000	12.56700	.09368
7.398	.000	29.00500	5.99240	-1.85660	6.77590	.09327	.07040	.06776	422.31000	12.58800	.09398
7.385	.200	29.01000	5.99260	-1.85970	6.76890	.09332	.07021	.06759	421.93000	12.57500	.09427
7.396	.400	29.01800	5.99280	-1.86270	6.78020	.09346	.07009	.06739	422.68000	12.59600	.09461
7.426	.600	29.02800	5.99290	-1.86620	6.79170	.09372	.07012	.06720	423.46000	12.61800	.09507
7.402	.800	29.03300	5.99310	-1.86960	6.77410	.09412	.07026	.06683	422.41000	12.58500	.09537
7.400	1.000	29.04200	5.99330	-1.87280	6.78540	.09463	.07029	.06600	423.16000	12.60600	.09562
7.394	1.200	29.05000	5.99350	-1.87620	6.78970	.09546	.07063	.06532	423.49000	12.61400	.09625
7.406	1.400	29.05600	5.99360	-1.87950	6.79170	.09629	.07106	.06469	423.66000	12.61700	.09667
7.408	1.600	29.06200	5.99380	-1.88280	6.78960	.09696	.07117	.06399	423.58000	12.61400	.09650
7.407	1.800	29.07000	5.99400	-1.88630	6.79290	.09771	.07119	.06337	423.84000	12.62000	.09629
7.388	2.000	29.07500	5.99420	-1.88960	6.78160	.09846	.07117	.06279	423.19000	12.59900	.09618
7.396	2.200	29.08500	5.99440	-1.89310	6.79800	.09894	.07123	.06250	424.26000	12.62900	.09635
7.398	2.400	29.09400	5.99450	-1.89660	6.80950	.09950	.07123	.06242	425.04000	12.65100	.09711
7.389	2.600	29.09900	5.99470	-1.89990	6.80460	.09971	.07128	.06257	424.79000	12.64200	.09816
7.389	2.800	29.10200	5.99490	-1.90300	6.79780	.09991	.07148	.06282	424.41000	12.62900	.09911
7.407	3.000	29.11300	5.99510	-1.90630	6.80940	.10016	.07131	.06302	425.19000	12.65000	.09962
7.398	3.200	29.11400	5.99530	-1.90970	6.80660	.10029	.07115	.06325	425.08000	12.64500	.09986

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OA257 (LARC 20-M6-6559) OV102

(S7E473) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 240/ 0 RN/L = 7.45 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.406	3.374	29.12200	5.99540	-1.91220	6.81080	.10058	.07107	.06301	425.37000	12.65300	.09990
	GRADIENT	.03982	.00086	-.01584	.02025	.00044	-.00038	-.00112	1.52143	.03768	.00162

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OA257 (LARC 20-M6-6559) OV 102

(S7EA73) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2240/ O RN/L = 7.45 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.516	-4.900	28.84200	5.98810	-1.78860	6.82120	.08714	.07301	.06908	423.87000	12.67200	.08502
7.520	-4.700	28.84300	5.98830	-1.79110	6.81090	.08684	.07255	.06890	423.29000	12.65400	.08484
7.506	-4.500	28.85000	5.98850	-1.79350	6.80900	.08678	.07205	.06863	423.22000	12.65000	.08506
7.503	-4.300	28.85600	5.98860	-1.79580	6.81100	.08717	.07186	.06841	423.40000	12.65400	.08594
7.496	-4.100	28.85800	5.98880	-1.79830	6.80420	.08749	.07162	.06810	423.03000	12.64100	.08679
7.500	-3.900	28.87100	5.98900	-1.80110	6.81130	.08775	.07123	.06788	423.52000	12.65400	.08755
7.511	-3.700	28.87900	5.98920	-1.80380	6.81360	.08804	.07095	.06777	423.71000	12.65800	.08826
7.517	-3.500	28.88800	5.98930	-1.80640	6.82140	.08842	.07068	.06794	424.25000	12.67300	.08887
7.527	-3.300	28.89600	5.98950	-1.80890	6.83140	.08901	.07054	.06816	424.92000	12.69100	.08949
7.507	-3.100	28.90300	5.98970	-1.81180	6.82420	.08976	.07049	.06857	424.52000	12.67800	.09015
7.523	-2.900	28.91000	5.98990	-1.81440	6.82560	.09025	.07018	.06882	424.66000	12.68100	.09063
7.506	-2.700	28.91700	5.99000	-1.81720	6.82360	.09073	.06989	.06904	424.59000	12.67700	.09109
7.515	-2.500	28.92900	5.99020	-1.81960	6.84290	.09121	.06971	.06925	425.84000	12.71300	.09141
7.510	-2.300	28.93900	5.99040	-1.82260	6.84700	.09180	.06975	.06970	426.15000	12.72000	.09194
7.522	-2.100	28.94600	5.99060	-1.82510	6.85930	.09213	.06992	.07000	426.97000	12.74300	.09231
7.512	-1.900	28.95200	5.99070	-1.82790	6.85660	.09237	.07005	.07025	426.85000	12.73800	.09259
7.530	-1.700	28.96500	5.99090	-1.83080	6.87490	.09254	.07000	.07031	428.04000	12.77200	.09260
7.510	-1.500	28.97000	5.99110	-1.83370	6.86360	.09316	.07038	.07041	427.39000	12.75100	.09302
7.475	-1.300	28.96800	5.99130	-1.83670	6.82920	.09332	.07048	.07014	425.30000	12.68700	.09312
7.470	-1.100	28.97200	5.99140	-1.83950	6.82070	.09328	.07047	.06971	424.82000	12.67200	.09305
7.451	-.900	28.97400	5.99160	-1.84260	6.78760	.09332	.07053	.06922	422.81000	12.61000	.09305
7.421	-.700	28.97700	5.99180	-1.84550	6.77250	.09319	.07048	.06877	421.93000	12.58200	.09303
7.415	-.500	28.98300	5.99200	-1.84860	6.76580	.09316	.07048	.06847	421.56000	12.57000	.09320
7.398	-.300	28.99100	5.99210	-1.85190	6.76040	.09319	.07046	.06806	421.27000	12.55900	.09345
7.400	-.100	29.00200	5.99230	-1.85500	6.77200	.09326	.07047	.06788	422.05000	12.58100	.09385
7.388	.100	29.00800	5.99250	-1.85810	6.76890	.09330	.07027	.06766	421.90000	12.57500	.09415
7.386	.300	29.01500	5.99270	-1.86140	6.77410	.09340	.07015	.06751	422.28000	12.58500	.09443
7.417	.500	29.02200	5.99290	-1.86440	6.78720	.09354	.07007	.06729	423.15000	12.60900	.09485
7.417	.700	29.03000	5.99300	-1.86790	6.78360	.09391	.07021	.06707	422.97000	12.60200	.09526
7.395	.900	29.03400	5.99320	-1.87100	6.77430	.09433	.07027	.06647	422.45000	12.58500	.09550
7.396	1.100	29.04500	5.99340	-1.87440	6.78810	.09500	.07042	.06567	423.36000	12.61100	.09590
7.399	1.300	29.05300	5.99360	-1.87780	6.78940	.09589	.07087	.06501	423.49000	12.61300	.09659
7.412	1.500	29.05900	5.99370	-1.88120	6.79200	.09661	.07117	.06443	423.71000	12.61800	.09663
7.404	1.700	29.06600	5.99390	-1.88450	6.79050	.09732	.07119	.06365	423.67000	12.61500	.09643
7.398	1.900	29.07200	5.99410	-1.88780	6.78740	.09808	.07121	.06304	423.53000	12.61000	.09619
7.392	2.100	29.08100	5.99430	-1.89130	6.79030	.09870	.07119	.06260	423.76000	12.61500	.09622
7.394	2.300	29.09000	5.99450	-1.89490	6.80200	.09920	.07125	.06242	424.54000	12.63700	.09665
7.391	2.500	29.09700	5.99460	-1.89810	6.80650	.09969	.07126	.06245	424.88000	12.64500	.09762
7.389	2.700	29.10000	5.99480	-1.90150	6.80420	.09992	.07141	.06268	424.78000	12.64100	.09877
7.397	2.900	29.10800	5.99500	-1.90470	6.79900	.09995	.07138	.06290	424.51000	12.63100	.09930
7.404	3.100	29.11400	5.99520	-1.90810	6.81150	.10035	.07123	.06319	425.35000	12.65400	.09990
7.399	3.300	29.11800	5.99540	-1.91100	6.80540	.10040	.07105	.06318	425.02000	12.64300	.09992
	GRADIENT	.03900	.00093	-.01580	.02071	.00037	-.00046	-.00111	1.54714	.03814	.00164

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0A257 (LARC 20-M6-6559) OV102

(S7E573) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 286/ O RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.552	-4.920	29.00700	5.97810	-1.79310	6.93520	.09113	.06969	.06850	427.99000	12.88500	.08519
7.556	-4.800	29.01200	5.97820	-1.79460	6.93810	.09112	.06967	.06851	428.19000	12.89000	.08516
7.552	-4.600	29.01800	5.97830	-1.79730	6.93600	.09151	.06945	.06861	428.09000	12.88600	.08473
7.552	-4.400	29.02300	5.97840	-1.79980	6.93660	.09263	.06884	.06900	428.15000	12.88700	.08432
7.559	-4.200	29.02600	5.97850	-1.80190	6.94110	.09371	.06823	.06964	428.46000	12.89600	.08405
7.560	-4.000	29.03200	5.97860	-1.80480	6.93760	.09427	.06752	.07022	428.27000	12.88900	.08364
7.595	-3.800	29.04400	5.97870	-1.80800	6.93870	.09451	.06683	.07075	428.36000	12.89100	.08314
7.594	-3.600	29.05100	5.97880	-1.81040	6.95280	.09465	.06644	.07137	429.26000	12.91700	.08284
7.585	-3.400	29.05600	5.97880	-1.81330	6.94220	.09440	.06628	.07207	428.63000	12.89800	.08262
7.589	-3.200	29.06600	5.97890	-1.81610	6.94440	.09445	.06645	.07276	428.80000	12.90200	.08258
7.589	-3.000	29.07400	5.97900	-1.81890	6.94670	.09443	.06674	.07336	428.97000	12.90600	.08252
7.587	-2.800	29.08100	5.97910	-1.82150	6.95060	.09440	.06699	.07405	429.24000	12.91300	.08242
7.594	-2.600	29.08700	5.97920	-1.82440	6.94520	.09437	.06741	.07471	428.93000	12.90300	.08235
7.600	-2.400	29.09200	5.97930	-1.82740	6.93170	.09369	.06795	.07541	428.12000	12.87800	.08233
7.595	-2.200	29.09900	5.97940	-1.83010	6.93210	.09255	.06860	.07596	428.18000	12.87900	.08231
7.588	-2.000	29.10500	5.97950	-1.83290	6.92790	.09088	.06891	.07600	427.94000	12.87100	.08231
7.580	-1.800	29.11100	5.97960	-1.83590	6.92430	.08935	.06903	.07588	427.75000	12.86400	.08237
7.580	-1.600	29.12300	5.97970	-1.83890	6.93460	.08837	.06890	.07581	428.41000	12.88400	.08280
7.581	-1.400	29.12900	5.97980	-1.84170	6.94030	.08804	.06873	.07599	428.80000	12.89400	.08349
7.599	-1.200	29.13800	5.97990	-1.84460	6.94320	.08797	.06875	.07629	429.00000	12.90000	.08412
7.611	-1.000	29.14700	5.98000	-1.84780	6.94530	.08816	.06898	.07645	429.16000	12.90400	.08471
7.603	-.800	29.14500	5.98010	-1.85080	6.91800	.08834	.06907	.07653	427.50000	12.85300	.08490
7.605	-.600	29.15500	5.98020	-1.85380	6.92160	.08850	.06903	.07659	427.75000	12.85900	.08503
7.594	-.400	29.16100	5.98020	-1.85710	6.91240	.08870	.06892	.07691	427.21000	12.84200	.08537
7.564	-.200	29.16400	5.98030	-1.86020	6.89780	.08877	.06882	.07712	426.34000	12.81500	.08556
7.563	.000	29.17300	5.98040	-1.86340	6.90550	.08880	.06865	.07736	426.84000	12.83000	.08580
7.571	.200	29.17900	5.98050	-1.86650	6.89940	.08848	.06828	.07717	426.49000	12.81800	.08576
7.586	.400	29.18900	5.98060	-1.87000	6.90750	.08848	.06807	.07715	427.02000	12.83300	.08601
7.571	.600	29.19200	5.98070	-1.87330	6.89260	.08862	.06819	.07725	426.12000	12.80500	.08643
7.560	.800	29.19800	5.98080	-1.87660	6.88700	.08911	.06861	.07721	425.80000	12.79500	.08688
7.553	1.000	29.20700	5.98090	-1.88020	6.89120	.09019	.06971	.07502	426.10000	12.80300	.08762
7.556	1.200	29.21300	5.98100	-1.88320	6.89620	.09102	.07083	.07128	426.43000	12.81200	.08833
7.560	1.400	29.21800	5.98110	-1.88670	6.89600	.09127	.07180	.06884	426.45000	12.81200	.08864
7.569	1.600	29.22800	5.98120	-1.89030	6.89530	.09120	.07270	.06732	426.43000	12.81100	.08881
7.562	1.800	29.23500	5.98130	-1.89370	6.89020	.09090	.07327	.06636	426.14000	12.80100	.08874
7.557	2.000	29.24100	5.98140	-1.89710	6.88870	.09066	.07337	.06573	426.08000	12.79800	.08883
7.565	2.200	29.24700	5.98150	-1.90050	6.89500	.09103	.07352	.06574	426.50000	12.81000	.08933
7.578	2.400	29.25700	5.98160	-1.90390	6.90660	.09178	.07362	.06611	427.24000	12.83200	.09019
7.576	2.600	29.25800	5.98170	-1.90730	6.89590	.09270	.07352	.06658	426.61000	12.81200	.09091
7.576	2.800	29.26500	5.98180	-1.91060	6.89430	.09380	.07353	.06733	426.54000	12.80900	.09156
7.583	3.000	29.26900	5.98190	-1.91420	6.88580	.09472	.07354	.06820	426.04000	12.79300	.09213
7.592	3.200	29.27700	5.98190	-1.91760	6.89610	.09511	.07346	.06881	426.70000	12.81200	.09231

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OA257 (LARC 20-M6-6559) DV102

(S7E573) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 286/ 0 RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.597	3.396	29.28500	5.98200	-1.92030	6.90410	.09547	.07347	.06905	427.22000	12.82700	.09253
	GRADIENT	.03250	.00045	-1.01618	-.01700	-.00006	-.00085	.00045	-.91428	-.03161	.00101

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(S7EB73) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2286/ O RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.555	-4.900	29.01100	5.97810	-1.79350	6.93680	.09117	.06968	.06852	428.09000	12.88800	.08520
7.553	-4.700	29.01500	5.97820	-1.79590	6.93670	.09126	.06965	.06856	428.12000	12.88800	.08499
7.553	-4.500	29.01900	5.97830	-1.79840	6.93780	.09205	.06919	.06875	428.21000	12.89000	.08448
7.545	-4.300	29.02200	5.97840	-1.80090	6.92960	.09326	.06856	.06931	427.73000	12.87400	.08422
7.556	-4.100	29.03000	5.97850	-1.80340	6.93970	.09402	.06788	.06990	428.38000	12.89300	.08388
7.581	-3.900	29.04000	5.97860	-1.80650	6.93840	.09447	.06714	.07050	428.33000	12.89100	.08340
7.600	-3.700	29.04700	5.97870	-1.80900	6.95050	.09463	.06659	.07105	429.11000	12.91300	.08293
7.584	-3.500	29.05400	5.97880	-1.81200	6.94540	.09457	.06636	.07175	428.82000	12.90400	.08273
7.594	-3.300	29.06300	5.97890	-1.81460	6.94790	.09444	.06632	.07239	429.00000	12.90800	.08263
7.583	-3.100	29.06700	5.97900	-1.81730	6.93870	.09443	.06660	.07303	428.46000	12.89100	.08257
7.588	-2.900	29.07800	5.97910	-1.82030	6.95150	.09438	.06682	.07368	429.28000	12.91500	.08247
7.586	-2.700	29.08600	5.97920	-1.82300	6.94640	.09443	.06720	.07432	428.99000	12.90500	.08240
7.609	-2.500	29.09100	5.97930	-1.82590	6.94450	.09411	.06769	.07508	428.91000	12.90200	.08233
7.594	-2.300	29.09400	5.97940	-1.82870	6.92850	.09322	.06833	.07565	427.94000	12.87200	.08234
7.591	-2.100	29.10100	5.97940	-1.83140	6.93060	.09177	.06877	.07597	428.10000	12.87600	.08232
7.587	-1.900	29.10800	5.97950	-1.83440	6.92710	.09006	.06901	.07592	427.91000	12.87000	.08232
7.586	-1.700	29.11600	5.97960	-1.83710	6.93520	.08874	.06893	.07579	428.44000	12.88500	.08257
7.579	-1.500	29.12600	5.97970	-1.84030	6.93750	.08817	.06882	.07594	428.61000	12.88900	.08314
7.598	-1.300	29.13500	5.97980	-1.84320	6.94540	.08795	.06871	.07609	429.13000	12.90400	.08379
7.612	-1.100	29.14500	5.97990	-1.84630	6.95070	.08804	.06886	.07635	429.48000	12.91400	.08448
7.601	-.900	29.14700	5.98000	-1.84930	6.93290	.08828	.06904	.07648	428.41000	12.88000	.08484
7.604	-.700	29.15100	5.98010	-1.85230	6.91800	.08841	.06907	.07653	427.52000	12.85300	.08494
7.609	-.500	29.15700	5.98020	-1.85540	6.91950	.08862	.06898	.07673	427.63000	12.85500	.08520
7.574	-.300	29.16100	5.98030	-1.85850	6.90230	.08871	.06888	.07702	426.60000	12.82400	.08545
7.567	-.100	29.17000	5.98040	-1.86180	6.90500	.08885	.06875	.07727	426.79000	12.82900	.08568
7.564	.100	29.17600	5.98050	-1.86510	6.89990	.08860	.06847	.07729	426.51000	12.81900	.08577
7.583	.300	29.18500	5.98060	-1.86840	6.90250	.08845	.06816	.07714	426.69000	12.82400	.08584
7.578	.500	29.19200	5.98070	-1.87160	6.90330	.08856	.06811	.07717	426.77000	12.82500	.08618
7.564	.700	29.19500	5.98080	-1.87510	6.88360	.08874	.06833	.07727	425.58000	12.78900	.08662
7.559	.900	29.20200	5.98090	-1.87830	6.89110	.08966	.06912	.07651	426.08000	12.80300	.08729
7.553	1.100	29.21000	5.98100	-1.88170	6.89300	.09069	.07034	.07307	426.22000	12.80600	.08798
7.553	1.300	29.21700	5.98100	-1.88510	6.89290	.09120	.07133	.06997	426.24000	12.80600	.08854
7.572	1.500	29.22700	5.98110	-1.88870	6.90030	.09134	.07230	.06802	426.73000	12.82000	.08879
7.566	1.700	29.22900	5.98120	-1.89170	6.89220	.09107	.07302	.06676	426.25000	12.80500	.08879
7.556	1.900	29.23800	5.98130	-1.89550	6.88800	.09070	.07332	.06600	426.02000	12.79700	.08874
7.559	2.100	29.24500	5.98140	-1.89890	6.88990	.09081	.07343	.06562	426.16000	12.80000	.08907
7.581	2.300	29.25300	5.98150	-1.90210	6.91040	.09136	.07358	.06585	427.46000	12.83900	.08973
7.574	2.500	29.25800	5.98160	-1.90560	6.89950	.09219	.07357	.06641	426.82000	12.81800	.09060
7.579	2.700	29.26400	5.98170	-1.90900	6.89870	.09332	.07354	.06696	426.80000	12.81700	.09126
7.573	2.900	29.26800	5.98180	-1.91250	6.88580	.09423	.07356	.06767	426.03000	12.79300	.09178
7.595	3.100	29.27400	5.98190	-1.91630	6.89550	.09499	.07352	.06861	426.66000	12.81100	.09228
7.593	3.300	29.28000	5.98200	-1.91910	6.89770	.09530	.07344	.06898	426.82000	12.81500	.09243
GRADIENT	.03614	.00050	-.01629	-.01221	-.00019	-.00097	.00037	-.61572	-.02286	.0^~88	

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(S7E673) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 298/ 0 RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.649	-4.655	28.94300	5.98250	-1.78800	6.91880	.09014	.06777	.06691	428.28000	12.85400	.08349
7.641	-4.500	28.94700	5.98260	-1.79030	6.91340	.09036	.06792	.06699	427.98000	12.84400	.08352
7.628	-4.300	28.95000	5.98270	-1.79280	6.90040	.09095	.06771	.06730	427.20000	12.82000	.08344
7.627	-4.100	28.95200	5.98280	-1.79540	6.89890	.09176	.06720	.06803	427.14000	12.81700	.08325
7.612	-3.900	28.95900	5.98300	-1.79860	6.88770	.09253	.06661	.06887	426.48000	12.79600	.08275
7.585	-3.700	28.96000	5.98310	-1.80160	6.86770	.09270	.06607	.06936	425.28000	12.75900	.08228
7.588	-3.500	28.97000	5.98320	-1.80480	6.86560	.09256	.06549	.06985	425.18000	12.75500	.08204
7.598	-3.300	28.97500	5.98330	-1.80720	6.87310	.09217	.06522	.07043	425.68000	12.76900	.08161
7.607	-3.100	28.98700	5.98340	-1.81040	6.87920	.09187	.06535	.07131	426.09000	12.78100	.08145
7.610	-2.900	28.99100	5.98350	-1.81310	6.87680	.09140	.06553	.07178	425.98000	12.77600	.08110
7.591	-2.700	28.99600	5.98360	-1.81600	6.86700	.09151	.06577	.07224	425.40000	12.75800	.08132
7.591	-2.500	29.00500	5.98370	-1.81890	6.86530	.09174	.06594	.07273	425.33000	12.75500	.08130
7.589	-2.300	29.01200	5.98390	-1.82170	6.86920	.09147	.06618	.07320	425.60000	12.76200	.08110
7.579	-2.100	29.01900	5.98400	-1.82480	6.86760	.09061	.06673	.07350	425.53000	12.75900	.08102
7.575	-1.900	29.02300	5.98410	-1.82770	6.85790	.08933	.06714	.07349	424.97000	12.74100	.08131
7.597	-1.700	29.03300	5.98420	-1.83080	6.86990	.08808	.06732	.07323	425.75000	12.76300	.08139
7.607	-1.500	29.04000	5.98430	-1.83390	6.87300	.08735	.06773	.07339	425.97000	12.76900	.08183
7.594	-1.300	29.04700	5.98440	-1.83710	6.86310	.08661	.06806	.07343	425.39000	12.75100	.08208
7.593	-1.100	29.05400	5.98450	-1.84000	6.86480	.08628	.06837	.07334	425.53000	12.75400	.08274
7.591	-.900	29.06600	5.98460	-1.84360	6.87200	.08639	.06857	.07369	426.01000	12.76700	.08342
7.590	-.700	29.07100	5.98470	-1.84670	6.87280	.08651	.06874	.07424	426.09000	12.76900	.08343
7.603	-.500	29.08100	5.98490	-1.85000	6.87860	.08692	.06914	.07515	426.48000	12.77900	.08374
7.605	-.300	29.08900	5.98500	-1.85320	6.87910	.08705	.06920	.07552	426.54000	12.78000	.08432
7.590	-.100	29.09200	5.98510	-1.85650	6.86390	.08707	.06898	.07589	425.64000	12.75200	.08470
7.590	.100	29.09700	5.98520	-1.85990	6.86040	.08680	.06854	.07597	425.45000	12.74500	.08467
7.606	.300	29.10900	5.98530	-1.86360	6.87380	.08689	.06843	.07638	426.32000	12.77000	.08502
7.606	.500	29.11300	5.98540	-1.86650	6.87410	.08707	.06854	.07658	426.37000	12.77100	.08560
7.612	.700	29.12100	5.98550	-1.87040	6.87320	.08768	.06883	.07679	426.34000	12.76900	.08648
7.610	.900	29.12700	5.98560	-1.87390	6.87850	.08850	.06938	.07573	426.71000	12.77900	.08710
7.631	1.100	29.14500	5.98580	-1.87770	6.90410	.08928	.07007	.07140	428.33000	12.82700	.08736
7.617	1.300	29.14700	5.98590	-1.88100	6.89290	.09009	.07107	.06813	427.67000	12.80600	.08825
7.636	1.500	29.15600	5.98600	-1.88450	6.90350	.09019	.07167	.06585	428.36000	12.82600	.08867
7.633	1.700	29.16000	5.98610	-1.88800	6.90040	.09018	.07235	.06484	428.20000	12.82000	.08879
7.639	1.900	29.17200	5.98620	-1.89190	6.91110	.09002	.07274	.06427	428.89000	12.84000	.08872
7.669	2.100	29.17900	5.98630	-1.89530	6.92470	.09003	.07310	.06392	429.78000	12.86500	.08905
7.641	2.300	29.18300	5.98640	-1.89890	6.90700	.09049	.07316	.06374	428.71000	12.83200	.08982
7.635	2.500	29.18600	5.98660	-1.90240	6.90640	.09093	.07304	.06402	428.71000	12.83100	.09020
7.650	2.700	29.19000	5.98680	-1.90610	6.91310	.09265	.07315	.06492	429.19000	12.84300	.09126
	GRADIENT	.03214	.00050	-.01673	-.00599	.00001	-.00082	.00140	-.20000	-.01100	.00163

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OA257 (LARC 20-M6-6559) OV102

(S7EC73) (15 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S DIR = 1.000

RUN NO. 2298/ O RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	MACH	PHI	Q	BP1	BP2	BP3	PT1	PT2	PSC
7.644	-4.600	28.94800	5.98260	-1.78900	6.91630	.09018	.06784	.06689	428.14000	12.84900	.08337
7.627	-4.400	28.94900	5.98270	-1.79170	6.90080	.09061	.06793	.06720	427.21000	12.82100	.08352
7.636	-4.200	28.95200	5.98280	-1.79400	6.90790	.09131	.06739	.06763	427.68000	12.83400	.08329
7.625	-4.000	28.95500	5.98290	-1.79690	6.89560	.09221	.06689	.06852	426.96000	12.81100	.08306
7.596	-3.800	28.96200	5.98300	-1.80030	6.87620	.09269	.06637	.06914	425.79000	12.77500	.08252
7.587	-3.600	28.96500	5.98310	-1.80310	6.86710	.09267	.06576	.06955	425.25000	12.75800	.08206
7.587	-3.400	28.97100	5.98320	-1.80610	6.86360	.09235	.06529	.07012	425.07000	12.75100	.08178
7.616	-3.200	28.98200	5.98330	-1.80850	6.88870	.09204	.06526	.07085	426.66000	12.79800	.08152
7.613	-3.000	28.99000	5.98350	-1.81190	6.87730	.09161	.06544	.07153	425.99000	12.77700	.08119
7.601	-2.800	28.99100	5.98360	-1.81430	6.87450	.09142	.06568	.07203	425.85000	12.77200	.08117
7.595	-2.600	29.00100	5.98370	-1.81740	6.86770	.09167	.06586	.07249	425.46000	12.75900	.08139
7.586	-2.400	29.00800	5.98380	-1.82030	6.86340	.09167	.06605	.07300	425.22000	12.75100	.08116
7.591	-2.200	29.01800	5.98390	-1.82340	6.87360	.09114	.06644	.07337	425.89000	12.77000	.08108
7.576	-2.000	29.01800	5.98400	-1.82600	6.86130	.08999	.06702	.07355	425.16000	12.74700	.08112
7.586	-1.800	29.02900	5.98410	-1.82920	6.86640	.08872	.06720	.07331	425.51000	12.75700	.08131
7.605	-1.600	29.03700	5.98420	-1.83220	6.87110	.08761	.06750	.07325	425.83000	12.76500	.08157
7.597	-1.400	29.04500	5.98440	-1.83560	6.86480	.08695	.06788	.07341	425.48000	12.75400	.08193
7.598	-1.200	29.05000	5.98450	-1.83850	6.86810	.08638	.06826	.07348	425.72000	12.76000	.08235
7.595	-1.000	29.06100	5.98460	-1.84180	6.87090	.08625	.06839	.07350	425.92000	12.76500	.08306
7.577	-.800	29.06500	5.98470	-1.84510	6.86130	.08645	.06870	.07396	425.36000	12.74700	.08339
7.599	-.600	29.07700	5.98480	-1.84820	6.87990	.08669	.06892	.07464	426.54000	12.78200	.08354
7.603	-.400	29.08400	5.98490	-1.85170	6.87720	.08695	.06923	.07528	426.41000	12.77700	.08397
7.597	-.200	29.09100	5.98500	-1.85490	6.87270	.08713	.06913	.07571	426.16000	12.76800	.08454
7.588	0.000	29.09400	5.98510	-1.85810	6.85900	.08689	.06873	.07588	425.35000	12.74300	.08472
7.595	.200	29.10200	5.98530	-1.86180	6.86440	.08682	.06842	.07619	425.71000	12.75300	.08480
7.607	.400	29.11200	5.98540	-1.86500	6.87740	.08696	.06846	.07646	426.55000	12.77700	.08524
7.611	.600	29.11800	5.98550	-1.86860	6.87320	.08735	.06867	.07673	426.33000	12.76900	.08602
7.609	.800	29.12400	5.98560	-1.87210	6.87360	.08807	.06909	.07666	426.38000	12.77000	.08681
7.617	1.000	29.13600	5.98570	-1.87580	6.88770	.08888	.06965	.07384	427.30000	12.79600	.08714
7.628	1.200	29.14800	5.98580	-1.87950	6.90310	.08983	.07065	.06953	428.28000	12.82500	.08787
7.625	1.400	29.15000	5.98590	-1.88270	6.89720	.09014	.07139	.06681	427.95000	12.81400	.08858
7.638	1.600	29.15900	5.98600	-1.88630	6.90260	.09021	.07200	.06526	428.32000	12.82400	.08872
7.634	1.800	29.16500	5.98620	-1.89000	6.90350	.09006	.07252	.06450	428.41000	12.82500	.08868
7.655	2.000	29.17300	5.98630	-1.89360	6.91720	.08997	.07299	.06405	429.29000	12.85100	.08886
7.659	2.200	29.18100	5.98640	-1.89700	6.91870	.09018	.07310	.06377	429.42000	12.85400	.08937
7.640	2.400	29.18500	5.98650	-1.90070	6.90780	.09070	.07313	.06383	428.78000	12.83400	.09000
7.632	2.600	29.18900	5.98660	-1.90430	6.90670	.09154	.07302	.06445	428.74000	12.83100	.09061
7.650	2.701	29.19000	5.98680	-1.90610	6.91340	.09267	.07315	.06492	429.20000	12.84400	.09127
	GRADIENT	.03393	.00061	-.01691	-.00500	.00030	-.00054	.00163	-.14285	-.00964	.00183

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E001) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. X0
LREF =	474.8100 INCHES	YMRP =	.0000 IN. Y0
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. Z0
SCALE =	.0100		

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 24/O RN/L = 4.45 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E002) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 45/ 0 RN/L = 2.76 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.730	-.379	.03457	.10145	106.09000	856.57000	.00000	9999.00000	.00000	.00000	1.08000
2.724	-.143	.04311	.10165	106.23000	854.78000	.00000	9999.00000	.00000	.00000	1.07790
2.741	1.887	.03369	.10148	105.82000	854.12000	.00000	9999.00000	.00000	.00000	1.08440
2.774	4.018	.02968	.10144	104.93000	846.68000	.00000	9999.00000	.00000	.00000	1.09750
2.777	5.931	.03210	.10159	104.94000	846.52000	.00000	9999.00000	.00000	.00000	1.09880
2.792	8.346	.03395	.10154	104.52000	842.92000	.00000	9999.00000	.00000	.00000	1.10460
2.799	10.724	.03214	.10152	104.32000	841.04000	.00000	9999.00000	.00000	.00000	1.10750
2.784	12.547	.03181	.10165	104.77000	844.48000	.00000	9999.00000	.00000	.00000	1.10160
2.766	13.976	.03109	.10169	105.24000	848.03000	.00000	9999.00000	.00000	.00000	1.09460
2.769	15.452	.03411	.10181	105.24000	847.83000	.00000	9999.00000	.00000	.00000	1.09560
2.748	17.253	.03513	.10188	105.82000	852.28000	.00000	9999.00000	.00000	.00000	1.08720
2.741	19.891	.04593	.10194	106.03000	853.71000	.00000	9999.00000	.00000	.00000	1.08440
GRADIENT		-.00042	.00003	-.22138	-1.90972	.00000	-.00016	.00000	.00000	.00361

RUN NO. 49/ 0 RN/L = 4.39 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.338	-.279	.01231	.16234	106.86000	868.72000	.00000	9999.00000	.00000	.00000	1.71640
4.372	-.264	.01237	.16372	106.91000	869.41000	.00000	9999.00000	.00000	.00000	1.72980
4.467	-.094	.00147	.16604	106.23000	860.65000	.00000	9999.00000	.00000	.00000	1.76750
4.365	.393	.00468	.16230	106.38000	864.62000	.00000	9999.00000	.00000	.00000	1.72710
4.398	2.162	-.00451	.16296	106.13000	862.43000	.00000	9999.00000	.00000	.00000	1.74020
4.389	3.936	.01087	.16337	106.44000	864.79000	.00000	9999.00000	.00000	.00000	1.73680
4.395	5.564	.00508	.16393	106.58000	865.72000	.00000	9999.00000	.00000	.00000	1.73910
4.377	7.012	.00262	.16407	106.93000	868.44000	.00000	9999.00000	.00000	.00000	1.73180
4.388	8.174	.00697	.16482	107.06000	869.29000	.00000	9999.00000	.00000	.00000	1.73640
4.401	9.493	.00028	.16553	107.17000	869.98000	.00000	9999.00000	.00000	.00000	1.74120
4.396	10.598	.00384	.16581	107.35000	871.32000	.00000	9999.00000	.00000	.00000	1.73930
4.391	11.878	.00179	.16575	107.39000	871.52000	.00000	9999.00000	.00000	.00000	1.73760
4.393	13.298	.00542	.16589	107.42000	871.52000	.00000	9999.00000	.00000	.00000	1.73830
4.388	14.495	.01349	.16559	107.35000	870.83000	.00000	9999.00000	.00000	.00000	1.73640
4.363	15.754	.00374	.16497	107.50000	871.85000	.00000	9999.00000	.00000	.00000	1.72630
4.378	17.189	.01039	.16443	107.01000	867.75000	.00000	9999.00000	.00000	.00000	1.73210
4.363	18.375	.00189	.16400	107.06000	867.99000	.00000	9999.00000	.00000	.00000	1.72620
4.453	19.637	.00554	.16674	106.78000	865.52000	.00000	9999.00000	.00000	.00000	1.76180
GRADIENT		.00046	.00031	.05207	.32293	.00000	.00000	.00000	.00000	.00190

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E002) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 52/ O RN/L = 7.48 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOR	PCEIL	RN
7.398	-.280	-.00471	.27200	105.83000	865.11000	.00000	9999.00000	.00000	.00000	2.92720
7.267	-.240	-.00284	.26691	105.90000	868.92000	.00000	9999.00000	.00000	.00000	2.87520
7.349	1.395	-.00283	.26878	105.59000	866.16000	.00000	9999.00000	.00000	.00000	2.90770
7.520	3.447	.00003	.27492	105.55000	865.60000	.00000	9999.00000	.00000	.00000	2.97540
7.392	5.262	-.00425	.27158	105.89000	868.15000	.00000	9999.00000	.00000	.00000	2.92480
7.443	7.163	.00140	.27143	105.36000	863.53000	.00000	9999.00000	.00000	.00000	2.94500
7.641	8.817	.00541	.27957	105.58000	865.15000	.00000	9999.00000	.00000	.00000	3.02320
7.738	10.518	.00075	.28326	105.60000	865.11000	.00000	9999.00000	.00000	.00000	3.06170
7.655	11.987	-.00147	.28226	106.11000	869.01000	.00000	9999.00000	.00000	.00000	3.02880
7.560	13.853	.00365	.28002	106.42000	871.32000	.00000	9999.00000	.00000	.00000	2.99120
7.551	15.234	.00323	.27920	106.28000	869.98000	.00000	9999.00000	.00000	.00000	2.98760
7.571	16.541	.00303	.27835	105.86000	866.25000	.00000	9999.00000	.00000	.00000	2.99580
7.588	17.708	.00505	.27682	105.30000	861.46000	.00000	9999.00000	.00000	.00000	3.00240
7.570	18.469	.00261	.27586	105.22000	860.56000	.00000	9999.00000	.00000	.00000	2.99540
	GRADIENT	.00182	.00077	.07548	.49760	.00000	.00000	.00000	.00000	.00504

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OA257 (LARC 20-M6-6559) OV102 w/(FSB)

(T7E003) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRRON	=	.000
YP	=	.000	1S	=	.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 46/ O RN/L = 2.72 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL0R	PCEIL	RN
2.689	14.763	.00656	.09895	105.45000	852.49000	.00000	9999.00000	.00000	.00000	1.06380
2.759	14.971	.00888	.10084	104.86000	845.42000	.00000	9999.00000	.00000	.00000	1.09160
2.696	15.809	.01374	.09890	105.21000	850.44000	.00000	9999.00000	.00000	.00000	1.06670
2.697	17.055	.00401	.09902	105.28000	850.77000	.00000	9999.00000	.00000	.00000	1.06700
2.697	18.477	.01130	.09921	105.39000	851.55000	.00000	9999.00000	.00000	.00000	1.06720
2.701	19.747	.00262	.09932	105.36000	851.10000	.00000	9999.00000	.00000	.00000	1.06870
2.712	21.058	.00665	.09939	105.11000	848.93000	.00000	9999.00000	.00000	.00000	1.07310
2.719	22.188	.00345	.09959	105.06000	848.40000	.00000	9999.00000	.00000	.00000	1.07590
2.710	23.455	.00995	.09973	105.38000	850.81000	.00000	9999.00000	.00000	.00000	1.07240
2.709	24.392	.00618	.09990	105.53000	851.87000	.00000	9999.00000	.00000	.00000	1.07190
2.738	25.548	.01009	.10021	104.99000	847.34000	.00000	9999.00000	.00000	.00000	1.08340
2.733	26.507	.00453	.10066	105.44000	850.81000	.00000	9999.00000	.00000	.00000	1.08120
2.751	28.091	.01225	.10084	105.09000	847.83000	.00000	9999.00000	.00000	.00000	1.08840
2.753	29.765	.00662	.10091	105.07000	847.46000	.00000	9999.00000	.00000	.00000	1.08940
GRADIENT		-.00402	.00019	.16003	1.13118	.00000	.00000	.00000	.00000	-.00053

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E003) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XD
 LREF = 474.8100 INCHES YMRP = .0000 IN. YD
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZD
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 29/ O RN/L = 4.51 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.426	13.912	-.04176	.16351	106.03000	864.05000	.00000	9999.00000	.00000	.00000	1.75130
4.438	14.239	-.03816	.16378	105.95000	863.32000	.00000	9999.00000	.00000	.00000	1.75610
4.431	14.572	-.03942	.16366	106.01000	863.57000	.00000	9999.00000	.00000	.00000	1.75310
4.424	14.594	-.03055	.16361	106.09000	864.05000	.00000	9999.00000	.00000	.00000	1.75050
4.643	15.241	-.04028	.16537	103.31000	838.26000	.00000	9999.00000	.00000	.00000	1.83730
4.440	15.434	-.03974	.16351	105.79000	861.54000	.00000	9999.00000	.00000	.00000	1.75660
4.633	15.566	-.04049	.16571	103.63000	841.25000	.00000	9999.00000	.00000	.00000	1.83300
4.427	16.323	-.03980	.16374	106.08000	863.69000	.00000	9999.00000	.00000	.00000	1.75180
4.440	17.614	-.03046	.16389	105.94000	862.43000	.00000	9999.00000	.00000	.00000	1.75660
4.438	18.465	-.03654	.16431	106.13000	863.81000	.00000	9999.00000	.00000	.00000	1.75610
4.468	19.824	-.04049	.16515	106.01000	862.63000	.00000	9999.00000	.00000	.00000	1.76800
4.493	20.921	-.04146	.16530	105.68000	859.80000	.00000	9999.00000	.00000	.00000	1.77770
4.513	22.077	-.04128	.16579	105.57000	858.70000	.00000	9999.00000	.00000	.00000	1.78570
4.534	23.132	-.03509	.16605	105.35000	856.74000	.00000	9999.00000	.00000	.00000	1.79390
4.553	23.978	-.03953	.16648	105.22000	855.55000	.00000	9999.00000	.00000	.00000	1.80160
4.590	24.846	-.04182	.16681	104.79000	851.87000	.00000	9999.00000	.00000	.00000	1.81610
4.625	25.512	-.03188	.16754	104.55000	849.83000	.00000	9999.00000	.00000	.00000	1.83010
4.572	26.288	-.04052	.16726	105.24000	855.27000	.00000	9999.00000	.00000	.00000	1.80890
4.547	27.200	-.03992	.16691	105.46000	856.90000	.00000	9999.00000	.00000	.00000	1.79920
4.530	28.420	-.04080	.16650	105.54000	857.35000	.00000	9999.00000	.00000	.00000	1.79250
4.508	29.582	-.04163	.16583	105.60000	857.64000	.00000	9999.00000	.00000	.00000	1.78370
	GRADIENT	-.00392	.00044	-.32741	-2.84708	.00000	.00000	.00000	.00000	.01297

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E003) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 53/ 0 RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOR	PCEIL	RN
7.411	14.317	.00997	.27069	105.52000	865.84000	.00000	9999.00000	.00000	.00000	2.93220
7.576	15.340	.00799	.27405	104.69000	856.04000	.00000	9999.00000	.00000	.00000	2.99760
7.502	15.364	.01488	.27159	104.76000	856.74000	.00000	9999.00000	.00000	.00000	2.96820
7.400	15.977	.00762	.27038	105.53000	865.68000	.00000	9999.00000	.00000	.00000	2.92800
7.371	17.339	.00782	.26998	105.69000	866.85000	.00000	9999.00000	.00000	.00000	2.91640
7.372	18.397	.00627	.26949	105.54000	865.35000	.00000	9999.00000	.00000	.00000	2.91700
7.476	19.822	.00735	.27430	105.79000	867.22000	.00000	9999.00000	.00000	.00000	2.95790
7.444	20.849	.00963	.27312	105.78000	866.85000	.00000	9999.00000	.00000	.00000	2.94540
7.394	22.269	.00687	.27182	105.91000	867.71000	.00000	9999.00000	.00000	.00000	2.92550
7.384	23.681	.01090	.27143	105.89000	867.38000	.00000	9999.00000	.00000	.00000	2.92160
7.366	24.844	.00996	.27023	105.74000	865.92000	.00000	9999.00000	.00000	.00000	2.91470
7.471	26.290	.00919	.27297	105.45000	863.32000	.00000	9999.00000	.00000	.00000	2.95600
7.510	27.486	.00876	.27427	105.40000	862.72000	.00000	9999.00000	.00000	.00000	2.97160
7.495	29.210	.01328	.27349	105.33000	861.94000	.00000	9999.00000	.00000	.00000	2.96560
	GRADIENT	-.00081	-.00103	-.12897	-1.25560	.00000	.00000	.00000	.00000	-.00593

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E004) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	IS	=	.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 47/ O RN/L = 2.71 GRADIENT INTERVAL = 23.00/ 25.00

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E004) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	IS	=	.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

PARAMETRIC DATA

RUN NO. 30/ O RN/L = 4.52 GRADIENT INTERVAL = 23.00/ 25.00

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E004) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 54/ 0 RN/L = 7.36 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.346	24.023	.01167	.26893	105.65000	866.37000	.00000	9999.00000	.00000	.00000	2.90670
7.564	24.282	.01648	.27341	104.63000	855.31000	.00000	9999.00000	.00000	.00000	2.99290
7.537	24.311	.01175	.27447	105.15000	859.72000	.00000	9999.00000	.00000	.00000	2.98230
7.367	24.986	.00889	.27025	105.78000	867.26000	.00000	9999.00000	.00000	.00000	2.91490
7.375	25.600	.01364	.27115	105.93000	868.32000	.00000	9999.00000	.00000	.00000	2.91820
7.331	26.900	.01161	.27090	106.29000	871.12000	.00000	9999.00000	.00000	.00000	2.90050
7.227	27.936	.01003	.26688	106.23000	870.47000	.00000	9999.00000	.00000	.00000	2.85960
7.340	28.642	.00863	.27115	106.24000	870.43000	.00000	9999.00000	.00000	.00000	2.90440
7.341	29.280	.01966	.27187	106.42000	871.68000	.00000	9999.00000	.00000	.00000	2.90480
7.316	30.473	.00473	.27122	106.49000	872.09000	.00000	9999.00000	.00000	.00000	2.89460
7.282	31.297	.00668	.27046	106.60000	872.86000	.00000	9999.00000	.00000	.00000	2.88150
7.284	32.701	.00733	.26970	106.38000	870.87000	.00000	9999.00000	.00000	.00000	2.88220
7.421	33.956	.01377	.27487	106.39000	870.83000	.00000	9999.00000	.00000	.00000	2.93650
7.400	35.076	.00608	.27372	106.29000	869.82000	.00000	9999.00000	.00000	.00000	2.92810
7.362	36.206	.00519	.27251	106.34000	870.02000	.00000	9999.00000	.00000	.00000	2.91300
7.327	37.619	.00492	.27064	106.18000	868.60000	.00000	9999.00000	.00000	.00000	2.89900
7.314	39.067	.00238	.26966	106.04000	867.26000	.00000	9999.00000	.00000	.00000	2.89410
	GRADIENT	-.00435	-.00050	.47657	4.78451	.00000	-.01540	.00000	.00000	-.02400

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E005) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.500	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

PARAMETRIC DATA

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7EO06) (15 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

BETA	=	.500	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 32/ O RN/L = 4.24 GRADIENT INTERVAL = 23.00/ 25.00

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E007) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 33/ O RN/L = 4.52 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.387	14.556	.48305	.16199	105.90000	860.73000	.00000	9999.00000	.00000	.00000	1.73570
4.394	14.585	.48797	.16224	105.88000	860.40000	.00000	9999.00000	.00000	.00000	1.73860
4.433	15.259	.48546	.16326	105.70000	858.82000	.00000	9999.00000	.00000	.00000	1.75390
4.496	15.406	.49393	.16497	105.27000	851.91000	.00000	9999.00000	.00000	.00000	1.77910
4.452	15.783	.49437	.16386	105.65000	858.25000	.00000	9999.00000	.00000	.00000	1.76140
4.482	16.746	.48560	.16435	105.37000	855.72000	.00000	9999.00000	.00000	.00000	1.77360
4.503	17.463	.48518	.16534	105.46000	856.29000	.00000	9999.00000	.00000	.00000	1.78180
4.543	18.654	.48668	.16606	105.14000	853.55000	.00000	9999.00000	.00000	.00000	1.79740
4.567	19.307	.49389	.16646	104.92000	851.63000	.00000	9999.00000	.00000	.00000	1.80710
4.574	19.976	.48799	.16720	105.12000	853.06000	.00000	9999.00000	.00000	.00000	1.81000
4.597	20.832	.49624	.16790	105.06000	852.40000	.00000	9999.00000	.00000	.00000	1.81890
4.609	21.622	.48922	.16804	104.93000	851.18000	.00000	9999.00000	.00000	.00000	1.82360
4.635	22.373	.48953	.16893	104.89000	850.65000	.00000	9999.00000	.00000	.00000	1.83400
4.621	23.630	.49668	.16872	105.01000	851.42000	.00000	9999.00000	.00000	.00000	1.82840
4.597	24.432	.48832	.16799	105.06000	851.59000	.00000	9999.00000	.00000	.00000	1.81890
4.574	25.307	.49560	.16692	104.96000	850.61000	.00000	9999.00000	.00000	.00000	1.80970
4.531	26.089	.48472	.16607	105.25000	852.73000	.00000	9999.00000	.00000	.00000	1.79280
4.517	27.140	.49073	.16556	105.24000	852.53000	.00000	9999.00000	.00000	.00000	1.78720
4.479	27.671	.48854	.16436	105.31000	852.94000	.00000	9999.00000	.00000	.00000	1.77220
4.483	28.793	.49198	.16377	104.99000	850.03000	.00000	9999.00000	.00000	.00000	1.77390
	GRADIENT	-.01042	-.00091	.06225	.21255	.00000	.01215	.00000	.00000	-.01185

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E008) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 34/ 0° RN/L = 4.50 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.431	14.483	.50735	.16273	105.50000	856.98000	.00000	9999.00000	.00000	.00000	1.75310
4.418	14.499	.50553	.16258	105.62000	857.84000	.00000	9999.00000	.00000	.00000	1.74810
4.452	14.945	.50975	.16201	104.65000	845.87000	.00000	9999.00000	.00000	.00000	1.76170
4.422	23.189	.50407	.16257	105.55000	856.98000	.00000	9999.00000	.00000	.00000	1.74950
4.421	23.952	.49968	.16272	105.62000	857.39000	.00000	9999.00000	.00000	.00000	1.74910
4.437	24.516	.50656	.16272	105.36000	855.06000	.00000	9999.00000	.00000	.00000	1.75560
4.437	25.586	.50170	.16317	105.54000	856.37000	.00000	9999.00000	.00000	.00000	1.75570
4.444	26.446	.50288	.16364	105.62000	856.78000	.00000	9999.00000	.00000	.00000	1.75850
4.463	27.030	.50833	.16400	105.48000	855.47000	.00000	9999.00000	.00000	.00000	1.76570
4.472	28.161	.50267	.16420	105.41000	854.69000	.00000	9999.00000	.00000	.00000	1.76950
4.512	29.121	.50294	.16514	105.17000	852.61000	.00000	9999.00000	.00000	.00000	1.78520
4.544	29.665	.50344	.16596	105.02000	851.14000	.00000	9999.00000	.00000	.00000	1.79790
4.551	30.732	.50175	.16638	105.07000	851.30000	.00000	9999.00000	.00000	.00000	1.80080
4.551	31.259	.49966	.16624	105.01000	850.65000	.00000	9999.00000	.00000	.00000	1.80060
4.568	32.368	.50750	.16651	104.85000	849.22000	.00000	9999.00000	.00000	.00000	1.80740
4.586	33.312	.49810	.16633	104.49000	846.07000	.00000	9999.00000	.00000	.00000	1.81470
4.579	34.428	.49996	.16567	104.31000	844.43000	.00000	9999.00000	.00000	.00000	1.81180
4.553	35.611	.50120	.16497	104.39000	844.97000	.00000	9999.00000	.00000	.00000	1.80170
4.529	36.688	.50757	.16431	104.48000	845.42000	.00000	9999.00000	.00000	.00000	1.79220
4.634	38.019	.50188	.16798	104.42000	844.76000	.00000	9999.00000	.00000	.00000	1.83340
4.587	39.299	.50803	.16584	104.23000	843.00000	.00000	9999.00000	.00000	.00000	1.81480
	GRADIENT	.00144	.00012	-.12981	-1.33355	.00000	.00000	.00000	.00000	.00430

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)FLR FILL-IN

(T7E009) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	X0
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	Y0
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	Z0
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRRON	=	.000
YP	=	.000	IS	=	.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 51/0 RN/L = 4.31 GRADIENT INTERVAL = 23.00/25.00

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102 W/(FSB)

(T7E010) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 83/ O RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.513	-4.144	14.55800	.16512	105.14000	852.14000	82.00400	177.00000	.00000	.00000	1.78560
4.521	-4.000	14.56800	.16543	105.15000	852.25000	83.21800	178.00000	.00000	.00000	1.78870
4.525	-3.800	14.56900	.16544	105.08000	851.69000	84.07500	178.00000	.00000	.00000	1.79060
4.531	-3.600	14.57300	.16552	105.03000	851.29000	84.86500	179.00000	.00000	.00000	1.79290
4.524	-3.400	14.56900	.16543	105.10000	851.87000	85.49800	180.00000	.00000	.00000	1.79020
4.518	-3.200	14.57900	.16526	105.12000	852.07000	86.03300	181.00000	,00000	.00000	1.78770
4.511	-3.000	14.57600	.16526	105.23000	852.98000	86.45100	182.00000	.00000	.00000	1.78500
4.508	-2.800	14.57900	.16518	105.25000	853.15000	86.74400	183.00000	.00000	.00000	1.78360
4.514	-2.600	14.58400	.16533	105.22000	852.94000	86.95500	184.00000	.00000	.00000	1.78610
4.516	-2.400	14.58400	.16542	105.22000	853.00000	87.11100	185.00000	.00000	.00000	1.78690
4.508	-2.200	14.58900	.16520	105.25000	853.21000	87.26400	186.00000	.00000	.00000	1.78390
4.511	-2.000	14.59000	.16523	105.23000	853.08000	87.42100	187.00000	.00000	.00000	1.78480
4.520	-1.800	14.59700	.16527	105.10000	852.02000	87.53200	189.00000	.00000	.00000	1.78860
4.526	-1.600	14.60100	.16540	105.06000	851.76000	87.68300	190.00000	.00000	.00000	1.79090
4.533	-1.400	14.60300	.16557	105.04000	851.60000	87.75500	191.00000	.00000	.00000	1.79340
4.534	-1.200	14.60900	.16563	105.03000	851.57000	87.88300	190.00000	.00000	.00000	1.79410
4.530	-1.000	14.61000	.16557	105.08000	851.97000	87.98200	192.00000	.00000	.00000	1.79240
4.526	-.800	14.61300	.16543	105.09000	852.04000	88.00300	193.00000	.00000	.00000	1.79070
4.527	-.600	14.61600	.16563	105.15000	852.53000	88.10800	194.00000	.00000	.00000	1.79140
4.521	-.400	14.61900	.16567	105.27000	853.57000	88.06100	195.00000	.00000	.00000	1.78870
4.522	-.200	14.62500	.16583	105.31000	853.89000	88.11300	196.00000	.00000	.00000	1.78940
4.532	.000	14.62700	.16583	105.17000	852.75000	88.04400	196.00000	.00000	.00000	1.79310
4.538	.200	14.63800	.16583	105.08000	852.06000	88.00700	196.00000	.00000	.00000	1.79540
4.540	.400	14.63500	.16595	105.10000	852.25000	87.99800	196.00000	.00000	.00000	1.79620
4.535	.600	14.64700	.16589	105.14000	852.60000	87.91900	196.00000	.00000	.00000	1.79450
4.532	.800	14.64700	.16606	105.26000	853.61000	87.97100	196.00000	.00000	.00000	1.79320
4.526	1.000	14.65200	.16601	105.33000	854.19000	87.93300	196.00000	.00000	.00000	1.79100
4.521	1.200	14.65900	.16603	105.42000	854.95000	87.96000	196.00000	.00000	.00000	1.78890
4.528	1.400	14.66100	.16618	105.38000	854.64000	87.95900	196.00000	.00000	.00000	1.79150
4.530	1.600	14.66600	.16616	105.33000	854.26000	87.98700	196.00000	.00000	.00000	1.79260
4.536	1.800	14.66600	.16632	105.32000	854.21000	88.06200	196.00000	.00000	.00000	1.79460
4.536	2.000	14.67400	.16637	105.34000	854.35000	88.08900	196.00000	.00000	.00000	1.79470
4.533	2.200	14.67800	.16636	105.39000	854.75000	88.19000	196.00000	.00000	.00000	1.79340
4.533	2.400	14.68000	.16633	105.37000	854.63000	88.26800	196.00000	.00000	.00000	1.79350
4.529	2.600	14.68400	.16617	105.36000	854.60000	88.40200	196.00000	.00000	.00000	1.79210
4.540	2.800	14.68600	.16632	105.26000	853.77000	88.57700	196.00000	.00000	.00000	1.79630
4.539	3.000	14.69100	.16635	105.28000	853.96000	88.73300	196.00000	.00000	.00000	1.79610
4.539	3.200	14.69400	.16648	105.34000	854.44000	88.94500	196.00000	.00000	.00000	1.79610
4.531	3.400	14.69800	.16639	105.43000	855.23000	89.13900	196.00000	.00000	.00000	1.79280
4.534	3.600	14.70100	.16651	105.44000	855.32000	89.35100	196.00000	.00000	.00000	1.79390
4.535	3.800	14.70500	.16657	105.44000	855.33000	89.59800	196.00000	.00000	.00000	1.79450
4.542	4.000	14.70800	.16657	105.33000	854.48000	89.85500	196.00000	.00000	.00000	1.79730

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OA257 (LARC 20-M6-6559) DV102 W/(FSB)

(T7EO1O) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 83/ 0 RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.554	4.200	14.71200	.16670	105.21000	853.51000	90.16200	196.00000	.00000	.00000	1.80190
	GRADIENT	.02464	.00024	-.10714	-.76071	-.14268	1.42857	.00000	.00000	.00541

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E110) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2083/ O RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.516	-4.100	14.56700	.16527	105.15000	852.22000	82.72800	177.00000	.00000	.00000	1.78700
4.523	-3.900	14.56700	.16545	105.13000	852.05000	83.64400	178.00000	.00000	.00000	1.78960
4.532	-3.700	14.57200	.16551	105.01000	851.16000	84.47500	179.00000	.00000	.00000	1.79310
4.527	-3.500	14.57000	.16548	105.07000	851.63000	85.20500	180.00000	.00000	.00000	1.79140
4.521	-3.300	14.57400	.16533	105.11000	851.95000	85.75700	181.00000	.00000	.00000	1.78880
4.514	-3.100	14.57800	.16520	105.17000	852.47000	86.25700	182.00000	.00000	.00000	1.78600
4.508	-2.900	14.57500	.16520	105.25000	853.17000	86.61500	183.00000	.00000	.00000	1.78380
4.511	-2.700	14.58400	.16525	105.23000	853.01000	86.87000	184.00000	.00000	.00000	1.78490
4.516	-2.500	14.58200	.16541	105.22000	852.99000	87.03700	185.00000	.00000	.00000	1.78670
4.513	-2.300	14.58600	.16531	105.23000	853.06000	87.17500	186.00000	.00000	.00000	1.78560
4.507	-2.100	14.59100	.16519	105.26000	853.35000	87.35800	187.00000	.00000	.00000	1.78340
4.517	-1.900	14.59300	.16522	105.13000	852.25000	87.46300	188.00000	.00000	.00000	1.78730
4.523	-1.700	14.59900	.16537	105.09000	851.99000	87.60800	189.00000	.00000	.00000	1.78980
4.530	-1.500	14.60200	.16549	105.04000	851.57000	87.72400	190.00000	.00000	.00000	1.79250
4.536	-1.300	14.60800	.16563	105.01000	851.34000	87.78100	190.00000	.00000	.00000	1.79490
4.531	-1.100	14.60800	.16559	105.07000	851.85000	87.96200	191.00000	.00000	.00000	1.79290
4.527	-.900	14.61200	.16550	105.09000	852.06000	87.97400	192.00000	.00000	.00000	1.79130
4.526	-.700	14.61500	.16550	105.11000	852.22000	88.07500	193.00000	.00000	.00000	1.79090
4.525	-.500	14.61700	.16566	105.20000	852.97000	88.08700	194.00000	.00000	.00000	1.79030
4.520	-.300	14.62500	.16576	105.31000	853.88000	88.04800	195.00000	.00000	.00000	1.78860
4.528	-.100	14.62400	.16587	105.24000	853.31000	88.09200	196.00000	.00000	.00000	1.79170
4.534	.100	14.63400	.16582	105.13000	852.46000	88.03200	196.00000	.00000	.00000	1.79400
4.539	.300	14.63600	.16586	105.07000	852.01000	88.00700	196.00000	.00000	.00000	1.79590
4.538	.500	14.63700	.16594	105.12000	852.42000	87.96400	196.00000	.00000	.00000	1.79560
4.533	.700	14.64700	.16595	105.19000	853.04000	87.94900	196.00000	.00000	.00000	1.79370
4.530	.900	14.64500	.16607	105.30000	853.95000	87.96200	196.00000	.00000	.00000	1.79230
4.523	1.100	14.65600	.16601	105.38000	854.59000	87.92600	196.00000	.00000	.00000	1.78970
4.525	1.300	14.66000	.16616	105.42000	854.94000	87.95700	196.00000	.00000	.00000	1.79040
4.530	1.500	14.66400	.16613	105.32000	854.15000	87.94100	196.00000	.00000	.00000	1.79260
4.532	1.700	14.66600	.16624	105.34000	854.35000	88.02500	196.00000	.00000	.00000	1.79320
4.537	1.900	14.67000	.16639	105.33000	854.23000	88.08100	196.00000	.00000	.00000	1.79520
4.535	2.100	14.67600	.16635	105.35000	854.45000	88.15400	196.00000	.00000	.00000	1.79420
4.532	2.300	14.67900	.16631	105.38000	854.71000	88.25800	196.00000	.00000	.00000	1.79310
4.530	2.500	14.68200	.16622	105.36000	854.60000	88.32700	196.00000	.00000	.00000	1.79260
4.533	2.700	14.68500	.16626	105.35000	854.50000	88.49400	196.00000	.00000	.00000	1.79340
4.541	2.900	14.68900	.16631	105.24000	853.62000	88.67400	196.00000	.00000	.00000	1.79670
4.539	3.100	14.69200	.16640	105.31000	854.22000	88.82900	196.00000	.00000	.00000	1.79600
4.535	3.300	14.69600	.16644	105.38000	854.83000	89.05700	196.00000	.00000	.00000	1.79450
4.530	3.500	14.69900	.16639	105.44000	855.33000	89.24700	196.00000	.00000	.00000	1.79250
4.536	3.700	14.70200	.16660	105.44000	855.37000	89.49800	196.00000	.00000	.00000	1.79480
4.537	3.900	14.70700	.16654	105.40000	855.01000	89.68900	196.00000	.00000	.00000	1.79520
4.548	4.100	14.71000	.16664	105.26000	853.95000	90.00100	196.00000	.00000	.00000	1.79970

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E110) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2083/ 0 RN/L = 4.53 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLORR	PCEIL	RN
4.557	4.248	14.71300	.16672	105.18000	853.27000	90.24700	196.00000	.00000	.00000	1.80290
	GRADIENT	.02043	.00024	-.17571	-1.31571	-.11400	1.85714	.00000	.00000	.00724

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7EO11) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 17.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 TS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 82/ O RN/L = 4.45 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.536	-4.249	17.07600	.16866	106.26000	860.66000	111.67000	178.00000	.00000	.00000	1.79460
4.552	-4.100	17.08700	.16905	106.17000	860.04000	113.57000	181.00000	.00000	.00000	1.80110
4.550	-3.900	17.09000	.16895	106.16000	859.98000	114.18000	182.00000	.00000	.00000	1.80030
4.563	-3.700	17.09000	.16907	106.01000	858.81000	114.78000	183.00000	.00000	.00000	1.80540
4.569	-3.500	17.09500	.16931	106.02000	858.88000	115.34000	183.00000	.00000	.00000	1.80780
4.564	-3.300	17.09600	.16942	106.14000	859.89000	115.95000	184.00000	.00000	.00000	1.80600
4.569	-3.100	17.09600	.16945	106.08000	859.48000	116.55000	185.00000	.00000	.00000	1.80770
4.563	-2.900	17.10100	.16907	106.01000	858.94000	117.14000	186.00000	.00000	.00000	1.80540
4.551	-2.700	17.10100	.16815	105.81000	857.36000	117.69000	187.00000	.00000	.00000	1.80070
4.525	-2.500	17.10400	.16676	105.63000	855.92000	118.23000	188.00000	.00000	.00000	1.79050
4.492	-2.300	17.10300	.16523	105.50000	854.86000	118.80000	189.00000	.00000	.00000	1.77740
4.462	-2.100	17.10400	.16415	105.52000	855.02000	119.34000	189.00000	.00000	.00000	1.76540
4.446	-1.900	17.11000	.16350	105.48000	854.80000	119.84000	190.00000	.00000	.00000	1.75930
4.454	-1.700	17.11200	.16356	105.39000	854.06000	120.40000	190.00000	.00000	.00000	1.76230
4.453	-1.500	17.11800	.16368	105.46000	854.67000	120.88000	191.00000	.00000	.00000	1.76180
4.473	-1.300	17.12400	.16463	105.55000	855.45000	121.44000	190.00000	.00000	.00000	1.76980
4.500	-1.100	17.13200	.16590	105.67000	856.38000	121.95000	190.00000	.00000	.00000	1.78060
4.517	-.900	17.13700	.16653	105.67000	856.44000	122.47000	190.00000	.00000	.00000	1.78730
4.538	-.700	17.14100	.16706	105.57000	855.63000	122.92000	191.00000	.00000	.00000	1.79570
4.542	-.500	17.14800	.16707	105.51000	855.21000	123.37000	191.00000	.00000	.00000	1.79730
4.532	-.300	17.14900	.16665	105.49000	855.05000	123.87000	191.00000	.00000	.00000	1.79330
4.512	-.100	17.15100	.16569	105.41000	854.41000	124.28000	191.00000	.00000	.00000	1.78520
4.493	.100	17.15300	.16471	105.29000	853.47000	124.71000	191.00000	.00000	.00000	1.77760
4.472	.300	17.15300	.16359	105.13000	852.26000	125.11000	191.00000	.00000	.00000	1.76940
4.445	.500	17.15800	.16263	105.15000	852.39000	125.50000	191.00000	.00000	.00000	1.75870
4.422	.700	17.15700	.16198	105.23000	853.11000	125.92000	192.00000	.00000	.00000	1.74960
4.406	.900	17.16100	.16151	105.29000	853.57000	126.33000	192.00000	.00000	.00000	1.74320
4.390	1.100	17.16400	.16113	105.37000	854.30000	126.78000	193.00000	.00000	.00000	1.73710
4.384	1.300	17.16900	.16109	105.45000	854.99000	127.19000	194.00000	.00000	.00000	1.73470
4.376	1.500	17.17400	.16090	105.51000	855.45000	127.62000	195.00000	.00000	.00000	1.73130
4.373	1.700	17.17600	.16084	105.53000	855.64000	128.10000	196.00000	.00000	.00000	1.73020
4.366	1.900	17.18100	.16081	105.62000	856.42000	128.49000	197.00000	.00000	.00000	1.72770
4.363	2.100	17.18400	.16073	105.64000	856.59000	129.01000	198.00000	.00000	.00000	1.72640
4.356	2.300	17.18700	.16046	105.64000	856.67000	129.42000	199.00000	.00000	.00000	1.72340
4.348	2.500	17.19300	.16052	105.79000	857.92000	129.91000	201.00000	.00000	.00000	1.72030
4.347	2.700	17.19600	.16059	105.85000	858.38000	130.39000	198.00000	.00000	.00000	1.71990
4.337	2.900	17.20000	.16041	105.93000	859.08000	130.82000	198.00000	.00000	.00000	1.71600
4.334	3.100	17.20300	.16034	105.95000	859.29000	131.32000	198.00000	.00000	.00000	1.71470
4.329	3.300	17.20800	.16017	105.96000	859.35000	131.73000	198.00000	.00000	.00000	1.71280
4.324	3.500	17.21200	.16028	106.08000	860.40000	132.24000	198.00000	.00000	.00000	1.71090
4.322	3.700	17.21500	.16037	106.15000	861.00000	132.66000	198.00000	.00000	.00000	1.71030
4.326	3.900	17.22400	.16041	106.11000	860.72000	133.11000	198.00000	.00000	.00000	1.71160

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 740

0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E011) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 82/ O RN/L = 4.45 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.326	4.100	17.22400	.16039	106.11000	860.70000	133.59000	198.00000	.00000	.00000	1.71160
4.322	4.229	17.22600	.16037	106.16000	861.13000	133.85000	198.00000	.00000	.00000	1.71020
GRADIENT		.00914	-.00462	-.42857	-3.34429	2.11429	.00000	.00000	.00000	-.03890

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E111) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2082/ 0 RN/L = 4.45 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.550	-4.200	17.07800	.16884	106.11000	859.56000	113.13000	180.00000	.00000	.00000	1.80020
4.549	-4.000	17.08800	.16904	106.20000	860.34000	113.85000	181.00000	.00000	.00000	1.80010
4.550	-3.800	17.09200	.16894	106.15000	859.93000	114.50000	182.00000	.00000	.00000	1.80040
4.569	-3.600	17.08800	.16920	105.97000	858.48000	115.08000	183.00000	.00000	.00000	1.80790
4.565	-3.400	17.09900	.16938	106.10000	859.60000	115.64000	184.00000	.00000	.00000	1.80640
4.567	-3.200	17.09500	.16949	106.12000	859.79000	116.23000	185.00000	.00000	.00000	1.80710
4.565	-3.000	17.09900	.16927	106.06000	859.35000	116.79000	186.00000	.00000	.00000	1.80630
4.558	-2.800	17.10200	.16867	105.92000	858.17000	117.43000	187.00000	.00000	.00000	1.80360
4.541	-2.600	17.10100	.16755	105.72000	856.60000	117.96000	188.00000	.00000	.00000	1.79680
4.508	-2.400	17.10400	.16593	105.55000	855.28000	118.50000	188.00000	.00000	.00000	1.78360
4.478	-2.200	17.10500	.16467	105.48000	854.69000	119.07000	189.00000	.00000	.00000	1.77200
4.447	-2.000	17.10700	.16369	105.55000	855.30000	119.60000	190.00000	.00000	.00000	1.75970
4.449	-1.800	17.11100	.16349	105.43000	854.40000	120.13000	190.00000	.00000	.00000	1.76050
4.451	-1.600	17.11600	.16355	105.44000	854.45000	120.64000	191.00000	.00000	.00000	1.76100
4.461	-1.400	17.12100	.16403	105.49000	854.88000	121.16000	189.00000	.00000	.00000	1.76510
4.488	-1.200	17.12600	.16532	105.62000	855.98000	121.71000	190.00000	.00000	.00000	1.77560
4.509	-1.000	17.13500	.16625	105.67000	856.44000	122.18000	190.00000	.00000	.00000	1.78420
4.526	-.800	17.13900	.16678	105.64000	856.24000	122.70000	191.00000	.00000	.00000	1.79070
4.543	-.600	17.14300	.16711	105.52000	855.28000	123.15000	191.00000	.00000	.00000	1.79740
4.539	-.400	17.14800	.16695	105.51000	855.20000	123.63000	191.00000	.00000	.00000	1.79610
4.522	-.200	17.14900	.16615	105.43000	854.62000	124.09000	191.00000	.00000	.00000	1.78940
4.499	.000	17.15300	.16518	105.38000	854.25000	124.51000	191.00000	.00000	.00000	1.78020
4.485	.200	17.15200	.16414	105.16000	852.46000	124.92000	191.00000	.00000	.00000	1.77470
4.458	.400	17.15600	.16310	105.13000	852.28000	125.29000	191.00000	.00000	.00000	1.76410
4.432	.600	17.15800	.16224	105.18000	852.66000	125.69000	191.00000	.00000	.00000	1.75380
4.414	.800	17.15800	.16178	105.27000	853.41000	126.10000	192.00000	.00000	.00000	1.74660
4.397	1.000	17.16300	.16125	105.31000	853.83000	126.54000	193.00000	.00000	.00000	1.73970
4.388	1.200	17.16600	.16115	105.42000	854.73000	126.99000	193.00000	.00000	.00000	1.73610
4.379	1.400	17.17100	.16096	105.48000	855.26000	127.37000	194.00000	.00000	.00000	1.73250
4.375	1.600	17.17500	.16088	105.51000	855.53000	127.82000	195.00000	.00000	.00000	1.73090
4.369	1.800	17.17900	.16082	105.58000	856.07000	128.27000	196.00000	.00000	.00000	1.72870
4.364	2.000	17.18300	.16080	105.65000	856.71000	128.74000	197.00000	.00000	.00000	1.72670
4.360	2.200	17.18400	.16055	105.61000	856.40000	129.22000	199.00000	.00000	.00000	1.72510
4.352	2.400	17.19100	.16049	105.71000	857.24000	129.66000	200.00000	.00000	.00000	1.72200
4.347	2.600	17.19400	.16059	105.84000	858.29000	130.17000	201.00000	.00000	.00000	1.72000
4.342	2.800	17.19700	.16049	105.87000	858.59000	130.57000	198.00000	.00000	.00000	1.71820
4.334	3.000	17.20100	.16039	105.97000	859.42000	131.06000	198.00000	.00000	.00000	1.71470
4.333	3.200	17.20500	.16030	105.94000	859.17000	131.51000	198.00000	.00000	.00000	1.71460
4.326	3.400	17.21300	.16022	106.02000	859.91000	131.98000	198.00000	.00000	.00000	1.71170
4.323	3.600	17.21200	.16035	106.12000	860.76000	132.46000	198.00000	.00000	.00000	1.71060
4.324	3.800	17.22100	.16041	106.14000	860.88000	132.86000	198.00000	.00000	.00000	1.71100
4.326	4.000	17.22100	.16039	106.10000	860.66000	133.38000	198.00000	.00000	.00000	1.71160

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E111) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2082/ 0 RN/L = 4.45 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.323	4.200	17.22500	.16038	106.14000	860.97000	133.80000	198.00000	.00000	.00000	1.71070
	GRADIENT	.01143	-.00434	-.36607	-2.83213	2.10179	.00000	.00000	.00000	-.03741

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) DV102 W/(FSB)

(T7E012) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 81/ O RN/L = 4.46 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.440	-4.424	19.35700	.16310	105.42000	854.41000	81.12000	157.00000	.00000	.00000	1.75670
4.441	-4.300	19.36900	.16344	105.55000	855.56000	83.38500	159.00000	.00000	.00000	1.75710
4.449	-4.100	19.36700	.16356	105.48000	854.97000	84.14800	160.00000	.00000	.00000	1.76030
4.465	-3.900	19.37200	.16360	105.25000	853.14000	84.74800	161.00000	.00000	.00000	1.76650
4.460	-3.700	19.37400	.16373	105.38000	854.22000	85.26700	162.00000	.00000	.00000	1.76470
4.452	-3.500	19.37600	.16393	105.59000	855.92000	85.63800	163.00000	.00000	.00000	1.76170
4.447	-3.300	19.38400	.16395	105.68000	856.68000	85.90900	163.00000	.00000	.00000	1.75960
4.452	-3.100	19.38400	.16403	105.64000	856.39000	86.24100	164.00000	.00000	.00000	1.76150
4.455	-2.900	19.38900	.16408	105.61000	856.21000	86.42400	165.00000	.00000	.00000	1.76260
4.452	-2.700	19.39500	.16408	105.65000	856.55000	86.70300	166.00000	.00000	.00000	1.76170
4.448	-2.500	19.39200	.16410	105.73000	857.19000	86.92100	168.00000	.00000	.00000	1.76010
4.450	-2.300	19.40500	.16424	105.77000	857.54000	87.11200	169.00000	.00000	.00000	1.76060
4.447	-2.100	19.40700	.16425	105.81000	857.90000	87.34400	170.00000	.00000	.00000	1.75970
4.452	-1.900	19.41300	.16427	105.75000	857.44000	87.51900	171.00000	.00000	.00000	1.76150
4.458	-1.700	19.41900	.16427	105.65000	856.67000	87.70300	171.00000	.00000	.00000	1.76400
4.459	-1.500	19.42000	.16438	105.69000	856.99000	87.85100	172.00000	.00000	.00000	1.76430
4.459	-1.300	19.43200	.16443	105.71000	857.22000	87.97800	173.00000	.00000	.00000	1.76420
4.457	-1.100	19.43400	.16443	105.73000	857.40000	88.14300	174.00000	.00000	.00000	1.76370
4.460	-.900	19.43700	.16449	105.72000	857.33000	88.21400	174.00000	.00000	.00000	1.76460
4.460	-.700	19.44500	.16456	105.75000	857.55000	88.37700	174.00000	.00000	.00000	1.76490
4.462	-.500	19.44700	.16468	105.78000	857.83000	88.45700	175.00000	.00000	.00000	1.76540
4.458	-.300	19.45600	.16464	105.82000	858.18000	88.50100	175.00000	.00000	.00000	1.76400
4.459	-.100	19.45800	.16467	105.82000	858.20000	88.63400	176.00000	.00000	.00000	1.76440
4.471	.100	19.46400	.16482	105.70000	857.26000	88.70000	176.00000	.00000	.00000	1.76900
4.471	.300	19.47100	.16483	105.69000	857.25000	88.77500	176.00000	.00000	.00000	1.76920
4.475	.500	19.47300	.16491	105.67000	857.05000	88.87700	176.00000	.00000	.00000	1.77070
4.475	.700	19.48200	.16486	105.65000	856.92000	88.92600	176.00000	.00000	.00000	1.77080
4.472	.900	19.48300	.16495	105.75000	857.75000	89.04700	176.00000	.00000	.00000	1.76930
4.472	1.100	19.48700	.16496	105.74000	857.72000	89.09200	176.00000	.00000	.00000	1.76960
4.475	1.300	19.49700	.16484	105.65000	856.99000	89.21800	176.00000	.00000	.00000	1.77070
4.468	1.500	19.49600	.16489	105.79000	858.17000	89.32500	176.00000	.00000	.00000	1.76770
4.462	1.700	19.50500	.16481	105.84000	858.62000	89.40400	176.00000	.00000	.00000	1.76550
4.466	1.900	19.50800	.16488	105.81000	858.37000	89.57900	177.00000	.00000	.00000	1.76710
4.466	2.100	19.51000	.16491	105.83000	858.58000	89.69700	177.00000	.00000	.00000	1.76690
4.474	2.300	19.52400	.16502	105.75000	857.96000	89.83900	178.00000	.00000	.00000	1.77010
4.482	2.500	19.52100	.16501	105.61000	856.84000	90.03500	180.00000	.00000	.00000	1.77360
4.473	2.700	19.53100	.16488	105.70000	857.61000	90.21200	181.00000	.00000	.00000	1.76990
4.467	2.900	19.53300	.16507	105.88000	859.06000	90.46900	182.00000	.00000	.00000	1.76760
4.458	3.100	19.53500	.16490	105.95000	859.66000	90.73600	184.00000	.00000	.00000	1.76400
4.450	3.300	19.54600	.16479	106.03000	860.36000	91.00300	186.00000	.00000	.00000	1.76080
4.448	3.500	19.54300	.16483	106.08000	860.82000	91.23600	188.00000	.00000	.00000	1.75990
4.445	3.700	19.55400	.16472	106.09000	860.91000	91.45800	190.00000	.00000	.00000	1.75860

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E012) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 81/ 0 RN/L = 4.46 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.446	3.900	19.55700	.16471	106.06000	860.67000	91.73500	190.00000	.00000	.00000	1.75930
4.447	4.100	19.56100	.16467	106.03000	860.42000	91.96200	191.00000	.00000	.00000	1.75970
GRADIENT		.02586	.00027	-.15143	-1.08999	.42686	1.14286	.00000	.00000	.00667

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E112) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2081/ 0 RN/L = 4.46 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOR	PCEIL	RN
4.439	-4.400	19.35400	.16335	105.54000	855.43000	82.29900	158.00000	.00000	.00000	1.75630
4.443	-4.200	19.37000	.16348	105.53000	855.41000	83.81100	160.00000	.00000	.00000	1.75800
4.456	-4.000	19.36800	.16359	105.37000	854.14000	84.46800	161.00000	.00000	.00000	1.76320
4.464	-3.800	19.37600	.16361	105.27000	853.29000	85.02300	161.00000	.00000	.00000	1.76620
4.456	-3.600	19.37300	.16386	105.50000	855.19000	85.45700	162.00000	.00000	.00000	1.76310
4.449	-3.400	19.37900	.16394	105.65000	856.43000	85.76300	163.00000	.00000	.00000	1.76020
4.448	-3.200	19.38400	.16396	105.68000	856.69000	86.08000	164.00000	.00000	.00000	1.75980
4.455	-3.000	19.38600	.16409	105.61000	856.15000	86.35800	165.00000	.00000	.00000	1.76290
4.454	-2.800	19.39300	.16406	105.61000	856.22000	86.57600	166.00000	.00000	.00000	1.76250
4.449	-2.600	19.39600	.16410	105.72000	857.09000	86.81300	167.00000	.00000	.00000	1.76040
4.448	-2.400	19.39800	.16412	105.74000	857.27000	86.99400	168.00000	.00000	.00000	1.76010
4.449	-2.200	19.40800	.16428	105.81000	857.85000	87.25400	169.00000	.00000	.00000	1.76020
4.450	-2.000	19.41000	.16428	105.79000	857.73000	87.41400	170.00000	.00000	.00000	1.76070
4.453	-1.800	19.41800	.16420	105.70000	857.04000	87.59400	171.00000	.00000	.00000	1.76200
4.459	-1.600	19.42100	.16434	105.67000	856.79000	87.77600	172.00000	.00000	.00000	1.76440
4.458	-1.400	19.42400	.16441	105.71000	857.16000	87.91800	173.00000	.00000	.00000	1.76410
4.457	-1.200	19.43400	.16441	105.74000	857.40000	88.05700	173.00000	.00000	.00000	1.76340
4.459	-1.000	19.43300	.16446	105.72000	857.27000	88.17800	174.00000	.00000	.00000	1.76450
4.460	-.800	19.44400	.16455	105.74000	857.48000	88.28900	174.00000	.00000	.00000	1.76490
4.463	-.600	19.44600	.16468	105.76000	857.70000	88.42600	175.00000	.00000	.00000	1.76570
4.459	-.400	19.45000	.16466	105.81000	858.09000	88.46200	175.00000	.00000	.00000	1.76440
4.458	-.200	19.45700	.16462	105.81000	858.14000	88.56900	176.00000	.00000	.00000	1.76390
4.465	.000	19.46100	.16478	105.78000	857.89000	88.66600	176.00000	.00000	.00000	1.76650
4.473	.200	19.46600	.16483	105.67000	857.04000	88.70900	176.00000	.00000	.00000	1.76990
4.472	.400	19.47100	.16488	105.70000	857.32000	88.82800	176.00000	.00000	.00000	1.76950
4.477	.600	19.47600	.16488	105.62000	856.72000	88.88300	176.00000	.00000	.00000	1.77150
4.472	.800	19.48600	.16489	105.71000	857.43000	88.98500	176.00000	.00000	.00000	1.76960
4.473	1.000	19.48500	.16502	105.75000	857.81000	89.04200	176.00000	.00000	.00000	1.76990
4.476	1.200	19.49200	.16492	105.67000	857.16000	89.15600	176.00000	.00000	.00000	1.77090
4.471	1.400	19.49600	.16484	105.71000	857.56000	89.28300	176.00000	.00000	.00000	1.76900
4.464	1.600	19.49700	.16485	105.83000	858.54000	89.34400	176.00000	.00000	.00000	1.76620
4.462	1.800	19.50900	.16481	105.85000	858.68000	89.51400	176.00000	.00000	.00000	1.76540
4.465	2.000	19.50900	.16491	105.83000	858.59000	89.64800	177.00000	.00000	.00000	1.76680
4.467	2.200	19.51800	.16494	105.83000	858.55000	89.75800	178.00000	.00000	.00000	1.76740
4.481	2.400	19.52200	.16504	105.65000	857.13000	89.93500	179.00000	.00000	.00000	1.77290
4.478	2.600	19.52200	.16492	105.64000	857.07000	90.13200	180.00000	.00000	.00000	1.77200
4.471	2.800	19.53500	.16498	105.79000	858.32000	90.32700	182.00000	.00000	.00000	1.76890
4.463	3.000	19.53300	.16501	105.92000	859.44000	90.59800	183.00000	.00000	.00000	1.76590
4.454	3.200	19.54100	.16484	105.99000	859.98000	90.86700	185.00000	.00000	.00000	1.76240
4.448	3.400	19.54500	.16476	106.06000	860.62000	91.13400	187.00000	.00000	.00000	1.75980
4.448	3.600	19.54700	.16483	106.09000	860.84000	91.33300	189.00000	.00000	.00000	1.75990
4.444	3.800	19.55700	.16467	106.08000	860.86000	91.59600	191.00000	.00000	.00000	1.75830

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E112) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2081/ 0 RN/L = 4.46 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.449	4.000	19.55600	.16475	106.03000	860.43000	91.85100	191.00000	.00000	.00000	1.76050
4.447	4.114	19.56200	.16465	106.03000	860.43000	91.97800	191.00000	.00000	.00000	1.75950
GRADIENT		.02518	.00022	-.13929	-.99642	.40054	.89286	.00000	.00000	.00600

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E013) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 80/ 0 RN/L = 4.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.487	-4.325	21.93900	.16303	104.65000	848.21000	83.83800	152.00000	.00000	.00000	1.77530
4.475	-4.200	21.95400	.16301	104.84000	849.78000	85.32500	156.00000	.00000	.00000	1.77050
4.483	-4.000	21.96300	.16321	104.79000	849.40000	85.84400	157.00000	.00000	.00000	1.77400
4.484	-3.800	21.96100	.16322	104.79000	849.39000	86.27900	157.00000	.00000	.00000	1.77410
4.478	-3.600	21.97300	.16297	104.77000	849.31000	86.65600	158.00000	.00000	.00000	1.77180
4.482	-3.400	21.97800	.16295	104.70000	848.73000	87.08300	159.00000	.00000	.00000	1.77350
4.485	-3.200	21.97900	.16293	104.64000	848.26000	87.42600	159.00000	.00000	.00000	1.77480
4.477	-3.000	21.99100	.16305	104.83000	849.83000	87.80100	160.00000	.00000	.00000	1.77140
4.476	-2.800	21.99000	.16319	104.90000	850.44000	88.14800	160.00000	.00000	.00000	1.77110
4.479	-2.600	21.99600	.16322	104.87000	850.24000	88.47300	160.00000	.00000	.00000	1.77220
4.480	-2.400	22.00500	.16322	104.85000	850.07000	88.82700	161.00000	.00000	.00000	1.77270
4.482	-2.200	22.00500	.16339	104.89000	850.46000	89.14700	162.00000	.00000	.00000	1.77350
4.493	-2.000	22.01700	.16341	104.74000	849.26000	89.39100	162.00000	.00000	.00000	1.77760
4.490	-1.800	22.02300	.16351	104.82000	849.94000	89.71200	163.00000	.00000	.00000	1.77660
4.491	-1.600	22.02700	.16364	104.87000	850.31000	89.93600	164.00000	.00000	.00000	1.77700
4.489	-1.400	22.03600	.16361	104.89000	850.52000	90.19100	165.00000	.00000	.00000	1.77610
4.477	-1.200	22.03600	.16351	105.03000	851.68000	90.45700	165.00000	.00000	.00000	1.77150
4.475	-1.000	22.04400	.16349	105.06000	851.96000	90.65700	167.00000	.00000	.00000	1.77050
4.467	-.800	22.05100	.16344	105.17000	852.85000	90.96700	168.00000	.00000	.00000	1.76730
4.466	-.600	22.05300	.16351	105.21000	853.20000	91.12000	168.00000	.00000	.00000	1.76710
4.463	-.400	22.06200	.16349	105.25000	853.59000	91.28400	169.00000	.00000	.00000	1.76570
4.466	-.200	22.06500	.16349	105.20000	853.21000	91.48400	169.00000	.00000	.00000	1.76710
4.468	.000	22.07000	.16363	105.24000	853.53000	91.61000	170.00000	.00000	.00000	1.76770
4.480	.200	22.08000	.16376	105.10000	852.40000	91.80300	170.00000	.00000	.00000	1.77270
4.482	.400	22.08000	.16396	105.15000	852.84000	91.97700	171.00000	.00000	.00000	1.77360
4.481	.600	22.08900	.16395	105.17000	853.06000	92.11400	171.00000	.00000	.00000	1.77290
4.493	.800	22.09300	.16404	105.01000	851.79000	92.35100	172.00000	.00000	.00000	1.77790
4.489	1.000	22.09600	.16414	105.13000	852.74000	92.48700	172.00000	.00000	.00000	1.77620
4.480	1.200	22.10400	.16408	105.24000	853.66000	92.67500	173.00000	.00000	.00000	1.77280
4.480	1.400	22.10900	.16426	105.32000	854.34000	92.83100	173.00000	.00000	.00000	1.77270
4.485	1.600	22.11300	.16434	105.27000	853.97000	93.00200	173.00000	.00000	.00000	1.77480
4.479	1.800	22.12200	.16433	105.37000	854.82000	93.22700	173.00000	.00000	.00000	1.77210
4.478	2.000	22.12400	.16437	105.39000	855.03000	93.40600	174.00000	.00000	.00000	1.77200
4.484	2.200	22.13200	.16449	105.36000	854.77000	93.58300	174.00000	.00000	.00000	1.77420
4.474	2.400	22.13600	.16439	105.48000	855.80000	93.86800	175.00000	.00000	.00000	1.77010
4.477	2.600	22.14000	.16440	105.43000	855.37000	94.04200	175.00000	.00000	.00000	1.77160
4.476	2.800	22.15000	.16427	105.40000	855.14000	94.30700	176.00000	.00000	.00000	1.77110
4.488	3.000	22.15200	.16455	105.34000	854.68000	94.53000	176.00000	.00000	.00000	1.77560
4.489	3.200	22.16100	.16444	105.27000	854.15000	94.75500	177.00000	.00000	.00000	1.77620
4.475	3.400	22.16300	.16439	105.47000	855.80000	95.04900	177.00000	.00000	.00000	1.77060
4.467	3.600	22.16400	.16432	105.56000	856.54000	95.28400	177.00000	.00000	.00000	1.76760
4.464	3.800	22.17500	.16421	105.57000	856.66000	95.56100	177.00000	.00000	.00000	1.76620

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7EO13) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 80/ O RN/L = 4.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.460	3.957	22.17700	.16424	105.64000	857.30000	95.80200	177.00000	.00000	.00000	1.76460
	GRADIENT	.02839	.00045	-.07500	-.48750	.83696	2.50000	.00000	.00000	.00693

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E113) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2080/ O RN/L = 4.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.478	-4.300	21.94300	.16303	104.79000	849.35000	84.77800	155.00000	.00000	.00000	1.77190
4.479	-4.100	21.95900	.16310	104.81000	849.58000	85.57500	156.00000	.00000	.00000	1.77220
4.486	-3.900	21.96100	.16328	104.78000	849.31000	86.07900	157.00000	.00000	.00000	1.77500
4.479	-3.700	21.96500	.16306	104.79000	849.44000	86.48200	158.00000	.00000	.00000	1.77230
4.480	-3.500	21.97700	.16294	104.74000	849.02000	86.88800	158.00000	.00000	.00000	1.77250
4.485	-3.300	21.97700	.16294	104.64000	848.29000	87.28500	159.00000	.00000	.00000	1.77480
4.483	-3.100	21.98500	.16300	104.71000	848.87000	87.58900	159.00000	.00000	.00000	1.77380
4.474	-2.900	21.99200	.16311	104.90000	850.42000	87.96400	160.00000	.00000	.00000	1.77020
4.478	-2.700	21.99000	.16324	104.90000	850.42000	88.32800	160.00000	.00000	.00000	1.77170
4.482	-2.500	22.00300	.16322	104.83000	849.87000	88.61900	161.00000	.00000	.00000	1.77330
4.481	-2.300	22.00600	.16331	104.88000	850.31000	88.99000	161.00000	.00000	.00000	1.77310
4.490	-2.100	22.01000	.16341	104.78000	849.55000	89.26300	162.00000	.00000	.00000	1.77660
4.490	-1.900	22.02100	.16344	104.79000	849.64000	89.54900	163.00000	.00000	.00000	1.77670
4.492	-1.700	22.02100	.16359	104.84000	850.05000	89.82000	163.00000	.00000	.00000	1.77720
4.490	-1.500	22.03200	.16363	104.87000	850.39000	90.08100	164.00000	.00000	.00000	1.77670
4.482	-1.300	22.03700	.16354	104.97000	851.20000	90.34600	165.00000	.00000	.00000	1.77330
4.477	-1.100	22.03900	.16353	105.05000	851.82000	90.54900	165.00000	.00000	.00000	1.77130
4.471	-.900	22.04800	.16345	105.10000	852.31000	90.81800	167.00000	.00000	.00000	1.76910
4.465	-.700	22.05000	.16346	105.20000	853.10000	91.05900	168.00000	.00000	.00000	1.76680
4.463	-.500	22.05600	.16351	105.26000	853.61000	91.18900	168.00000	.00000	.00000	1.76590
4.466	-.300	22.06400	.16351	105.20000	853.18000	91.38100	169.00000	.00000	.00000	1.76720
4.466	-.100	22.06600	.16357	105.24000	853.48000	91.54500	169.00000	.00000	.00000	1.76710
4.471	.100	22.07700	.16368	105.20000	853.24000	91.70500	170.00000	.00000	.00000	1.76920
4.482	.300	22.07900	.16382	105.10000	852.43000	91.91400	170.00000	.00000	.00000	1.77330
4.482	.500	22.08300	.16402	105.18000	853.12000	92.04600	171.00000	.00000	.00000	1.77340
4.486	.700	22.09400	.16398	105.11000	852.54000	92.25200	172.00000	.00000	.00000	1.77490
4.495	.900	22.09400	.16414	105.04000	852.00000	92.41600	172.00000	.00000	.00000	1.77840
4.485	1.100	22.10100	.16415	105.19000	853.28000	92.55800	172.00000	.00000	.00000	1.77460
4.478	1.300	22.10800	.16412	105.29000	854.10000	92.76900	173.00000	.00000	.00000	1.77190
4.484	1.500	22.11100	.16432	105.29000	854.11000	92.92900	173.00000	.00000	.00000	1.77410
4.481	1.700	22.11900	.16432	105.33000	854.44000	93.11500	173.00000	.00000	.00000	1.77320
4.478	1.900	22.12300	.16438	105.40000	855.08000	93.32500	173.00000	.00000	.00000	1.77200
4.480	2.100	22.12900	.16437	105.38000	854.90000	93.52100	174.00000	.00000	.00000	1.77250
4.480	2.300	22.13600	.16449	105.43000	855.36000	93.73000	174.00000	.00000	.00000	1.77250
4.475	2.500	22.13700	.16441	105.47000	855.67000	93.96800	175.00000	.00000	.00000	1.77070
4.478	2.700	22.14600	.16434	105.40000	855.15000	94.13700	176.00000	.00000	.00000	1.77170
4.479	2.900	22.14900	.16437	105.39000	855.10000	94.44600	176.00000	.00000	.00000	1.77230
4.492	3.100	22.15600	.16454	105.26000	854.08000	94.63500	177.00000	.00000	.00000	1.77740
4.482	3.300	22.16300	.16443	105.36000	854.94000	94.89300	177.00000	.00000	.00000	1.77360
4.470	3.500	22.16400	.16439	105.54000	856.42000	95.17700	177.00000	.00000	.00000	1.76880
4.467	3.700	22.17000	.16428	105.54000	856.44000	95.40000	177.00000	.00000	.00000	1.76760
4.462	3.900	22.17500	.16424	105.61000	857.01000	95.72500	177.00000	.00000	.00000	1.76550
	GRADIENT	.02729	.00051	-.10571	-.70571	.86343	2.71429	.00000	.00000	.00827

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0A257 (LARC 20-M6-6559) DV102 W/(FSB)

(T7E014) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 77/ O RN/L = 4.42 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.467	-4.182	24.24000	.16310	105.10000	854.08000	104.14000	154.00000	.00000	.00000	1.76740
4.455	-4.000	24.25300	.16301	105.24000	855.22000	105.00000	155.00000	.00000	.00000	1.76290
4.445	-3.800	24.24900	.16292	105.37000	856.30000	105.57000	156.00000	.00000	.00000	1.75870
4.436	-3.600	24.25800	.16272	105.42000	856.70000	106.06000	157.00000	.00000	.00000	1.75530
4.432	-3.400	24.26200	.16261	105.44000	856.91000	106.57000	157.00000	.00000	.00000	1.75360
4.428	-3.200	24.26100	.16259	105.49000	857.34000	107.05000	158.00000	.00000	.00000	1.75210
4.422	-3.000	24.27000	.16246	105.54000	857.73000	107.52000	158.00000	.00000	.00000	1.74960
4.419	-2.800	24.27700	.16243	105.58000	858.02000	107.92000	159.00000	.00000	.00000	1.74830
4.414	-2.600	24.27500	.16239	105.63000	858.47000	108.30000	160.00000	.00000	.00000	1.74670
4.410	-2.400	24.28600	.16223	105.63000	858.46000	108.67000	160.00000	.00000	.00000	1.74500
4.410	-2.200	24.29200	.16224	105.63000	858.47000	109.05000	160.00000	.00000	.00000	1.74510
4.418	-2.000	24.29300	.16224	105.51000	857.52000	109.39000	161.00000	.00000	.00000	1.74810
4.416	-1.800	24.30300	.16207	105.47000	857.20000	109.67000	161.00000	.00000	.00000	1.74730
4.424	-1.600	24.30800	.16211	105.35000	856.28000	110.00000	161.00000	.00000	.00000	1.75050
4.432	-1.400	24.31000	.16222	105.27000	855.65000	110.29000	162.00000	.00000	.00000	1.75370
4.432	-1.200	24.32400	.16221	105.28000	855.68000	110.53000	162.00000	.00000	.00000	1.75360
4.431	-1.000	24.32600	.16214	105.26000	855.55000	110.85000	163.00000	.00000	.00000	1.75330
4.434	-.800	24.33000	.16218	105.23000	855.36000	111.11000	164.00000	.00000	.00000	1.75430
4.434	-.600	24.34000	.16210	105.19000	854.99000	111.34000	164.00000	.00000	.00000	1.75460
4.432	-.400	24.34700	.16217	105.26000	855.63000	111.60000	165.00000	.00000	.00000	1.75350
4.429	-.200	24.34600	.16216	105.30000	855.93000	111.81000	166.00000	.00000	.00000	1.75250
4.426	.000	24.35700	.16201	105.28000	855.78000	112.02000	167.00000	.00000	.00000	1.75140
4.425	.200	24.36300	.16200	105.30000	855.95000	112.26000	168.00000	.00000	.00000	1.75090
4.420	.400	24.36300	.16203	105.39000	856.66000	112.49000	168.00000	.00000	.00000	1.74900
4.417	.600	24.37700	.16197	105.41000	856.84000	112.67000	168.00000	.00000	.00000	1.74780
4.415	.800	24.38100	.16195	105.44000	857.09000	112.92000	168.00000	.00000	.00000	1.74700
4.411	1.000	24.38200	.16197	105.51000	857.68000	113.09000	169.00000	.00000	.00000	1.74540
4.413	1.200	24.39500	.16193	105.47000	857.36000	113.28000	169.00000	.00000	.00000	1.74600
4.420	1.400	24.40100	.16196	105.37000	856.56000	113.51000	169.00000	.00000	.00000	1.74880
4.428	1.600	24.40200	.16199	105.24000	855.56000	113.68000	170.00000	.00000	.00000	1.75220
4.423	1.800	24.41200	.16193	105.31000	856.15000	113.88000	170.00000	.00000	.00000	1.74990
4.420	2.000	24.41900	.16192	105.35000	856.48000	114.08000	170.00000	.00000	.00000	1.74870
4.426	2.200	24.41800	.16189	105.25000	855.62000	114.27000	171.00000	.00000	.00000	1.75110
4.417	2.400	24.43100	.16181	105.35000	856.45000	114.42000	171.00000	.00000	.00000	1.74780
4.409	2.600	24.43700	.16175	105.44000	857.24000	114.64000	172.00000	.00000	.00000	1.74470
4.413	2.800	24.43600	.16174	105.38000	856.73000	114.81000	172.00000	.00000	.00000	1.74630
4.414	3.000	24.44800	.16165	105.33000	856.33000	115.01000	173.00000	.00000	.00000	1.74650
4.414	3.200	24.45100	.16150	105.27000	855.88000	115.20000	174.00000	.00000	.00000	1.74640
4.410	3.400	24.45300	.16143	105.30000	856.10000	115.39000	174.00000	.00000	.00000	1.74490
4.402	3.600	24.46300	.16120	105.32000	856.34000	115.58000	175.00000	.00000	.00000	1.74180
4.392	3.800	24.46700	.16110	105.43000	857.25000	115.82000	175.00000	.00000	.00000	1.73800
4.389	4.000	24.46800	.16101	105.45000	857.41000	116.04000	176.00000	.00000	.00000	1.73660

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E014) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 77/0 RN/L = 4.42 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.383	4.200	24.48100	.16088	105.48000	857.68000	116.22000	176.00000	.00000	.00000	1.73440
4.379	4.381	24.47200	.16089	105.55000	858.25000	116.52000	176.00000	.00000	.00000	1.73280
GRADIENT		.02857	-.00015	.16429	1.36251	1.11072	3.57143	.00000	.00000	-.00554

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E114) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2077/ 0 RN/L = 4.42 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.460	-4.100	24.25300	.16301	105.18000	854.71000	104.58000	155.00000	.00000	.00000	1.76460
4.452	-3.900	24.25100	.16297	105.29000	855.62000	105.28000	156.00000	.00000	.00000	1.76140
4.439	-3.700	24.25100	.16283	105.43000	856.78000	105.82000	156.00000	.00000	.00000	1.75630
4.435	-3.500	24.26400	.16263	105.41000	856.63000	106.30000	157.00000	.00000	.00000	1.75470
4.431	-3.300	24.26000	.16260	105.46000	857.07000	106.82000	158.00000	.00000	.00000	1.75310
4.424	-3.100	24.26400	.16249	105.52000	857.54000	107.27000	158.00000	.00000	.00000	1.75050
4.420	-2.900	24.27600	.16244	105.57000	857.95000	107.71000	159.00000	.00000	.00000	1.74870
4.416	-2.700	24.27600	.16237	105.60000	858.21000	108.12000	159.00000	.00000	.00000	1.74720
4.411	-2.500	24.27900	.16230	105.64000	858.55000	108.49000	160.00000	.00000	.00000	1.74550
4.410	-2.300	24.29100	.16223	105.64000	858.54000	108.87000	160.00000	.00000	.00000	1.74480
4.413	-2.100	24.29100	.16224	105.58000	858.13000	109.21000	160.00000	.00000	.00000	1.74620
4.418	-1.900	24.29800	.16216	105.48000	857.31000	109.54000	161.00000	.00000	.00000	1.74790
4.419	-1.700	24.31000	.16206	105.42000	856.82000	109.85000	161.00000	.00000	.00000	1.74830
4.431	-1.500	24.31000	.16217	105.27000	855.63000	110.16000	162.00000	.00000	.00000	1.75320
4.430	-1.300	24.31600	.16222	105.31000	855.94000	110.41000	162.00000	.00000	.00000	1.75290
4.431	-1.100	24.32900	.16219	105.27000	855.67000	110.72000	162.00000	.00000	.00000	1.75340
4.433	-.900	24.32900	.16216	105.25000	855.45000	110.99000	163.00000	.00000	.00000	1.75390
4.436	-.700	24.33200	.16212	105.17000	854.88000	111.24000	164.00000	.00000	.00000	1.75520
4.431	-.500	24.34700	.16214	105.25000	855.54000	111.46000	165.00000	.00000	.00000	1.75340
4.432	-.300	24.34600	.16220	105.27000	855.70000	111.69000	166.00000	.00000	.00000	1.75360
4.426	-.100	24.35100	.16203	105.29000	855.87000	111.90000	167.00000	.00000	.00000	1.75130
4.427	.100	24.36300	.16203	105.27000	855.73000	112.14000	167.00000	.00000	.00000	1.75180
4.422	.300	24.36200	.16201	105.35000	856.37000	112.38000	168.00000	.00000	.00000	1.74970
4.420	.500	24.36700	.16202	105.39000	856.71000	112.57000	168.00000	.00000	.00000	1.74880
4.417	.700	24.38300	.16196	105.41000	856.89000	112.82000	168.00000	.00000	.00000	1.74770
4.412	.900	24.38100	.16192	105.47000	857.36000	113.00000	169.00000	.00000	.00000	1.74580
4.410	1.100	24.38700	.16194	105.51000	857.69000	113.16000	169.00000	.00000	.00000	1.74510
4.420	1.300	24.40000	.16200	105.38000	856.67000	113.41000	169.00000	.00000	.00000	1.74880
4.423	1.500	24.39900	.16195	105.31000	856.13000	113.59000	169.00000	.00000	.00000	1.75010
4.427	1.700	24.40300	.16197	105.26000	855.70000	113.78000	170.00000	.00000	.00000	1.75160
4.419	1.900	24.41800	.16190	105.35000	856.44000	113.98000	170.00000	.00000	.00000	1.74860
4.423	2.100	24.41800	.16191	105.29000	855.99000	114.20000	170.00000	.00000	.00000	1.75010
4.423	2.300	24.42300	.16186	105.27000	855.84000	114.33000	171.00000	.00000	.00000	1.75020
4.410	2.500	24.43300	.16172	105.42000	857.05000	114.55000	172.00000	.00000	.00000	1.74490
4.411	2.700	24.43600	.16178	105.42000	857.11000	114.75000	172.00000	.00000	.00000	1.74550
4.414	2.900	24.44100	.16168	105.34000	856.43000	114.89000	173.00000	.00000	.00000	1.74650
4.417	3.100	24.45200	.16162	105.26000	855.80000	115.12000	174.00000	.00000	.00000	1.74780
4.411	3.300	24.45300	.16148	105.30000	856.12000	115.30000	174.00000	.00000	.00000	1.74540
4.405	3.500	24.45500	.16128	105.31000	856.23000	115.46000	175.00000	.00000	.00000	1.74300
4.397	3.700	24.46700	.16112	105.38000	856.77000	115.70000	175.00000	.00000	.00000	1.73970
4.391	3.900	24.46800	.16107	105.45000	857.37000	115.94000	176.00000	.00000	.00000	1.73740
4.387	4.100	24.47400	.16090	105.44000	857.32000	116.10000	176.00000	.00000	.00000	1.73570

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E114) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2077/ O RN/L = 4.42 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.380	4.300	24.48300	.16084	105.51000	857.93000	116.33000	176.00000	.00000	.00000	1.73320
	GRADIENT		.02286	-.00017	.13143	1.10286	1.12286	3.00000	.00000	-.00489

0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E015) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 78/ O RN/L = 4.46 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.500	-4.649	24.16600	.16208	104.16000	846.76000	91.20600	145.53000	.00000	.00000	1.78060
4.499	-4.595	24.17600	.16265	104.43000	849.01000	94.46100	149.92000	.00000	.00000	1.78000
4.536	-4.164	24.18500	.16452	104.65000	850.93000	98.43300	155.36000	.00000	.00000	1.79480
4.521	-3.636	24.21400	.16491	105.06000	854.33000	102.41000	160.62000	.00000	.00000	1.78890
4.534	-3.162	24.22100	.16499	104.89000	853.10000	104.90000	163.86000	.00000	.00000	1.79400
4.506	-2.650	24.23500	.16483	105.26000	856.17000	107.48000	167.49000	.00000	.00000	1.78310
4.496	-2.170	24.24800	.16449	105.28000	856.45000	108.91000	169.68000	.00000	.00000	1.77890
4.471	-1.721	24.25400	.16446	105.66000	859.60000	110.48000	171.82000	.00000	.00000	1.76910
4.463	-1.183	24.26800	.16390	105.56000	858.82000	111.75000	174.73000	.00000	.00000	1.76580
4.437	-.707	24.29100	.16355	105.82000	861.05000	112.89000	179.29000	.00000	.00000	1.75550
4.604	-.321	24.30100	.16589	104.17000	846.36000	74.04800	116.38000	.00000	.00000	1.82170
4.330	-.308	24.12300	.15935	105.74000	861.17000	123.62000	200.74000	.00000	.00000	1.71340
4.426	-.282	24.29000	.16310	105.80000	860.93000	113.82000	183.13000	.00000	.00000	1.75130
4.400	.292	24.30100	.16193	105.71000	860.29000	114.92000	185.49000	.00000	.00000	1.74110
4.403	.819	24.32500	.16104	105.28000	856.86000	115.89000	186.48000	.00000	.00000	1.74230
4.376	1.461	24.33600	.16096	105.69000	860.29000	116.90000	187.91000	.00000	.00000	1.73130
4.400	1.990	24.35600	.16048	105.10000	855.55000	117.83000	189.44000	.00000	.00000	1.74090
4.366	2.275	24.35800	.16037	105.58000	859.56000	118.63000	189.48000	.00000	.00000	1.72770
	GRADIENT		.10733	-.00155	.89927	7.86854	21.00291	35.44345	.00000	-.03921

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E016) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 79/ O RN/L = 4.46 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOR	PCEIL	RN
4.484	-4.097	27.05600	.16472	105.50000	856.73000	100.92000	137.00000	.00000	.00000	1.77430
4.501	-3.900	27.06800	.16474	105.24000	854.71000	103.89000	140.00000	.00000	.00000	1.78100
4.499	-3.700	27.06000	.16478	105.29000	855.13000	104.77000	141.00000	.00000	.00000	1.78020
4.497	-3.500	27.06700	.16472	105.29000	855.13000	105.57000	142.00000	.00000	.00000	1.77950
4.496	-3.300	27.07600	.16465	105.29000	855.12000	106.44000	143.00000	.00000	.00000	1.77890
4.493	-3.100	27.07100	.16473	105.37000	855.80000	107.26000	143.00000	.00000	.00000	1.77770
4.485	-2.900	27.08000	.16472	105.49000	856.82000	108.02000	144.00000	.00000	.00000	1.77450
4.483	-2.700	27.08800	.16469	105.51000	856.98000	108.76000	145.00000	.00000	.00000	1.77380
4.488	-2.500	27.09100	.16474	105.45000	856.52000	109.46000	146.00000	.00000	.00000	1.77590
4.486	-2.300	27.10400	.16468	105.45000	856.56000	110.07000	146.00000	.00000	.00000	1.77510
4.480	-2.100	27.10900	.16461	105.52000	857.11000	110.67000	147.00000	.00000	.00000	1.77270
4.480	-1.900	27.11200	.16448	105.47000	856.73000	111.19000	147.00000	.00000	.00000	1.77250
4.477	-1.700	27.12400	.16428	105.43000	856.45000	111.67000	148.00000	.00000	.00000	1.77130
4.479	-1.500	27.12600	.16424	105.39000	856.11000	112.13000	149.00000	.00000	.00000	1.77210
4.473	-1.300	27.12800	.16415	105.43000	856.47000	112.51000	149.00000	.00000	.00000	1.77000
4.464	-1.100	27.14200	.16395	105.50000	857.05000	112.86000	150.00000	.00000	.00000	1.76620
4.476	-.900	27.14700	.16395	105.31000	855.53000	113.30000	150.00000	.00000	.00000	1.77090
4.471	-.700	27.14900	.16401	105.41000	856.35000	113.65000	150.00000	.00000	.00000	1.76900
4.464	-.500	27.16200	.16394	105.49000	857.03000	113.99000	151.00000	.00000	.00000	1.76630
4.470	-.300	27.16000	.16389	105.38000	856.08000	114.42000	151.00000	.00000	.00000	1.76870
4.458	-.100	27.16900	.16365	105.46000	856.81000	114.76000	151.00000	.00000	.00000	1.76400
4.453	.100	27.18100	.16369	105.57000	857.69000	115.18000	151.00000	.00000	.00000	1.76180
4.451	.300	27.18000	.16370	105.59000	857.89000	115.58000	151.00000	.00000	.00000	1.76130
4.448	.500	27.19100	.16356	105.59000	857.90000	115.93000	151.00000	.00000	.00000	1.75980
4.443	.700	27.19800	.16354	105.66000	858.51000	116.29000	152.00000	.00000	.00000	1.75780
4.446	.900	27.20100	.16356	105.62000	858.18000	116.62000	152.00000	.00000	.00000	1.75920
4.454	1.100	27.21200	.16343	105.44000	856.73000	116.92000	153.00000	.00000	.00000	1.76220
4.465	1.300	27.21700	.16347	105.29000	855.49000	117.25000	153.00000	.00000	.00000	1.76660
4.457	1.500	27.22000	.16350	105.42000	856.58000	117.53000	154.00000	.00000	.00000	1.76360
4.444	1.700	27.23200	.16333	105.55000	857.70000	117.79000	155.00000	.00000	.00000	1.75850
4.448	1.900	27.23600	.16341	105.52000	857.46000	118.08000	156.00000	.00000	.00000	1.76010
4.443	2.100	27.23900	.16340	105.61000	858.19000	118.33000	157.00000	.00000	.00000	1.75780
4.429	2.300	27.25400	.16331	105.78000	859.62000	118.59000	158.00000	.00000	.00000	1.75250
4.433	2.500	27.25300	.16326	105.70000	858.91000	118.84000	159.00000	.00000	.00000	1.75420
4.424	2.700	27.26000	.16322	105.82000	859.97000	119.05000	160.00000	.00000	.00000	1.75060
4.419	2.900	27.27200	.16315	105.87000	860.39000	119.27000	160.00000	.00000	.00000	1.74860
4.419	3.100	27.27000	.16314	105.88000	860.43000	119.49000	161.00000	.00000	.00000	1.74850
4.419	3.300	27.27800	.16300	105.82000	859.98000	119.67000	161.00000	.00000	.00000	1.74840
4.422	3.500	27.29400	.16305	105.79000	859.78000	119.86000	162.00000	.00000	.00000	1.74970
4.423	3.698	27.28500	.16312	105.80000	859.88000	120.10000	162.00000	.00000	.00000	1.75020
	GRADIENT	.03100	-.00035	.17714	1.52287	1.94286	.00000	.00000	.00000	-.00813

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E116) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2079/ 0 RN/L = 4.46 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.499	-4.000	27.06100	.16473	105.27000	854.90000	103.35000	138.00000	.00000	.00000	1.78020
4.504	-3.800	27.06500	.16484	105.24000	854.71000	104.35000	140.00000	.00000	.00000	1.78210
4.498	-3.600	27.06000	.16478	105.31000	855.29000	105.16000	141.00000	.00000	.00000	1.77960
4.497	-3.400	27.07300	.16464	105.26000	854.88000	106.00000	142.00000	.00000	.00000	1.77950
4.495	-3.200	27.07300	.16471	105.33000	855.45000	106.88000	143.00000	.00000	.00000	1.77850
4.488	-3.000	27.07400	.16469	105.42000	856.26000	107.64000	144.00000	.00000	.00000	1.77590
4.481	-2.800	27.09200	.16469	105.53000	857.17000	108.36000	144.00000	.00000	.00000	1.77310
4.485	-2.600	27.09100	.16470	105.48000	856.77000	109.13000	145.00000	.00000	.00000	1.77460
4.487	-2.400	27.09600	.16472	105.46000	856.57000	109.76000	146.00000	.00000	.00000	1.77550
4.484	-2.200	27.11000	.16467	105.48000	856.78000	110.36000	147.00000	.00000	.00000	1.77440
4.479	-2.000	27.10900	.16452	105.50000	856.98000	110.93000	147.00000	.00000	.00000	1.77210
4.479	-1.800	27.11400	.16438	105.45000	856.54000	111.43000	148.00000	.00000	.00000	1.77210
4.477	-1.600	27.12700	.16424	105.42000	856.35000	111.91000	148.00000	.00000	.00000	1.77130
4.478	-1.400	27.12500	.16424	105.39000	856.14000	112.34000	149.00000	.00000	.00000	1.77190
4.467	-1.200	27.13500	.16402	105.48000	856.85000	112.69000	149.00000	.00000	.00000	1.76750
4.468	-1.000	27.14500	.16398	105.44000	856.57000	113.07000	150.00000	.00000	.00000	1.76800
4.474	-.800	27.14500	.16394	105.34000	855.74000	113.47000	150.00000	.00000	.00000	1.77020
4.468	-.600	27.15700	.16401	105.45000	856.70000	113.81000	151.00000	.00000	.00000	1.76800
4.466	-.400	27.16400	.16393	105.46000	856.73000	114.21000	151.00000	.00000	.00000	1.76710
4.466	-.200	27.16300	.16376	105.39000	856.22000	114.61000	151.00000	.00000	.00000	1.76700
4.455	.000	27.17700	.16370	105.54000	857.41000	115.00000	151.00000	.00000	.00000	1.76270
4.451	.200	27.18200	.16369	105.59000	857.85000	115.38000	151.00000	.00000	.00000	1.76130
4.451	.400	27.18300	.16366	105.57000	857.76000	115.74000	151.00000	.00000	.00000	1.76130
4.444	.600	27.19700	.16352	105.63000	858.21000	116.12000	152.00000	.00000	.00000	1.75850
4.442	.800	27.19800	.16353	105.67000	858.55000	116.48000	152.00000	.00000	.00000	1.75760
4.452	1.000	27.20500	.16354	105.51000	857.31000	116.77000	152.00000	.00000	.00000	1.76170
4.458	1.200	27.21800	.16340	105.36000	856.09000	117.08000	153.00000	.00000	.00000	1.76400
4.463	1.400	27.21800	.16352	105.33000	855.86000	117.41000	154.00000	.00000	.00000	1.76600
4.451	1.600	27.22500	.16342	105.49000	857.15000	117.65000	155.00000	.00000	.00000	1.76110
4.443	1.800	27.23900	.16334	105.58000	857.88000	117.97000	156.00000	.00000	.00000	1.75800
4.450	2.000	27.23800	.16345	105.51000	857.36000	118.21000	157.00000	.00000	.00000	1.76090
4.432	2.200	27.24400	.16330	105.73000	859.15000	118.45000	158.00000	.00000	.00000	1.75380
4.436	2.400	27.25500	.16332	105.68000	858.81000	118.71000	159.00000	.00000	.00000	1.75510
4.428	2.600	27.25600	.16318	105.75000	859.33000	118.93000	160.00000	.00000	.00000	1.75220
4.421	2.800	27.26700	.16317	105.86000	860.29000	119.15000	160.00000	.00000	.00000	1.74920
4.419	3.000	27.27200	.16314	105.88000	860.46000	119.41000	161.00000	.00000	.00000	1.74840
4.417	3.200	27.27300	.16302	105.85000	860.26000	119.55000	161.00000	.00000	.00000	1.74770
4.423	3.400	27.28900	.16305	105.78000	859.66000	119.77000	162.00000	.00000	.00000	1.75000
4.421	3.600	27.29300	.16303	105.80000	859.85000	119.97000	162.00000	.00000	.00000	1.74930
	GRADIENT	.03161	-.00037	.17143	1.46787	1.92143	.53572	.00000	.00000	-.00818

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E017) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 88/ O RN/L = 4.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.578	-4.545	29.04700	.16688	104.80000	847.80000	137.08000	147.00000	.00000	.00000	1.81140
4.578	-4.400	29.05500	.16696	104.83000	848.04000	137.78000	148.00000	.00000	.00000	1.81150
4.571	-4.200	29.06400	.16696	104.94000	848.95000	138.44000	149.00000	.00000	.00000	1.80870
4.573	-4.000	29.06400	.16706	104.96000	849.10000	139.14000	150.00000	.00000	.00000	1.80930
4.569	-3.800	29.07300	.16705	105.01000	849.54000	139.71000	151.00000	.00000	.00000	1.80780
4.567	-3.600	29.07600	.16707	105.06000	849.90000	140.43000	152.00000	.00000	.00000	1.80690
4.570	-3.400	29.08300	.16706	105.01000	849.52000	141.04000	152.00000	.00000	.00000	1.80810
4.566	-3.200	29.09200	.16709	105.07000	850.08000	141.66000	152.00000	.00000	.00000	1.80680
4.565	-3.000	29.09500	.16703	105.07000	850.05000	142.18000	153.00000	.00000	.00000	1.80630
4.567	-2.800	29.10600	.16704	105.05000	849.89000	142.71000	153.00000	.00000	.00000	1.80690
4.573	-2.600	29.11200	.16710	104.98000	849.38000	143.26000	153.00000	.00000	.00000	1.80930
4.575	-2.400	29.12000	.16700	104.90000	848.75000	143.75000	153.00000	.00000	.00000	1.81030
4.573	-2.200	29.12700	.16709	104.97000	849.28000	144.28000	153.00000	.00000	.00000	1.80960
4.573	-2.000	29.13500	.16711	104.98000	849.40000	144.73000	153.00000	.00000	.00000	1.80950
4.565	-1.800	29.14100	.16700	105.06000	850.07000	145.28000	154.00000	.00000	.00000	1.80620
4.565	-1.600	29.14500	.16722	105.16000	850.88000	145.78000	154.00000	.00000	.00000	1.80610
4.566	-1.400	29.15700	.16718	105.13000	850.64000	146.36000	154.00000	.00000	.00000	1.80650
4.567	-1.200	29.16100	.16726	105.14000	850.73000	146.97000	155.00000	.00000	.00000	1.80720
4.562	-1.000	29.17200	.16732	105.24000	851.58000	147.60000	155.00000	.00000	.00000	1.80520
4.552	-.800	29.17500	.16717	105.33000	852.31000	148.27000	156.00000	.00000	.00000	1.80130
4.546	-.600	29.18200	.16711	105.40000	852.93000	148.94000	156.00000	.00000	.00000	1.79870
4.546	-.400	29.19000	.16712	105.41000	853.04000	149.71000	157.00000	.00000	.00000	1.79860
4.542	-.200	29.19300	.16696	105.41000	853.02000	150.44000	157.00000	.00000	.00000	1.79700
4.528	.000	29.20600	.16657	105.45000	853.33000	151.17000	157.00000	.00000	.00000	1.79180
4.540	.200	29.20500	.16659	105.28000	851.98000	151.98000	158.00000	.00000	.00000	1.79640
4.544	.400	29.21900	.16652	105.19000	851.26000	152.75000	158.00000	.00000	.00000	1.79800
4.538	.600	29.21900	.16643	105.24000	851.72000	153.60000	160.00000	.00000	.00000	1.79560
4.533	.800	29.22900	.16643	105.32000	852.34000	154.33000	161.00000	.00000	.00000	1.79370
4.526	1.000	29.23400	.16637	105.41000	853.09000	155.14000	162.00000	.00000	.00000	1.79080
4.516	1.200	29.23700	.16632	105.53000	854.12000	155.86000	163.00000	.00000	.00000	1.78700
4.512	1.400	29.24800	.16627	105.58000	854.50000	156.62000	163.00000	.00000	.00000	1.78540
4.506	1.600	29.24900	.16607	105.59000	854.63000	157.38000	163.00000	.00000	.00000	1.78290
4.499	1.800	29.26400	.16591	105.63000	854.92000	158.12000	164.00000	.00000	.00000	1.78030
4.501	2.000	29.26200	.16593	105.61000	854.76000	158.86000	164.00000	.00000	.00000	1.78110
4.506	2.200	29.27600	.16592	105.54000	854.21000	159.57000	164.00000	.00000	.00000	1.78280
4.503	2.400	29.27700	.16596	105.59000	854.68000	160.35000	164.00000	.00000	.00000	1.78180
4.498	2.600	29.28500	.16594	105.67000	855.33000	161.04000	164.00000	.00000	.00000	1.77960
4.491	2.800	29.29200	.16588	105.75000	855.95000	161.73000	164.00000	.00000	.00000	1.77710
4.498	3.000	29.29600	.16587	105.63000	855.06000	162.44000	164.00000	.00000	.00000	1.77990
4.501	3.200	29.31300	.16583	105.57000	854.59000	163.08000	164.00000	.00000	.00000	1.78090
4.496	3.400	29.31000	.16566	105.57000	854.59000	163.81000	164.00000	.00000	.00000	1.77910
4.494	3.600	29.32300	.16566	105.61000	854.87000	164.49000	164.00000	.00000	.00000	1.77830

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E017) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 88/ 0 RN/L = 4.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.492	3.755	29.32000	.16558	105.61000	854.94000	165.12000	164.00000	.00000	.00000	1.77740
	GRADIENT	.03232	-.00064	-.18750	-1.46963	3.85714	2.67857	.00000	.00000	-.00198

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E117) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2088/ O RN/L = 4.54 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.580	-4.500	29.04800	.16692	104.79000	847.71000	137.43000	148.00000	.00000	.00000	1.81210
4.576	-4.300	29.06200	.16699	104.88000	848.47000	138.08000	149.00000	.00000	.00000	1.81050
4.569	-4.100	29.06300	.16697	104.98000	849.27000	138.80000	150.00000	.00000	.00000	1.80770
4.574	-3.900	29.06800	.16711	104.95000	849.06000	139.42000	151.00000	.00000	.00000	1.81000
4.566	-3.700	29.07600	.16704	105.05000	849.88000	140.09000	151.00000	.00000	.00000	1.80670
4.568	-3.500	29.07600	.16706	105.03000	849.68000	140.75000	152.00000	.00000	.00000	1.80760
4.570	-3.300	29.08800	.16708	105.02000	849.63000	141.36000	152.00000	.00000	.00000	1.80810
4.565	-3.100	29.09200	.16707	105.09000	850.20000	141.94000	152.00000	.00000	.00000	1.80620
4.568	-2.900	29.10400	.16703	105.03000	849.75000	142.41000	153.00000	.00000	.00000	1.80730
4.567	-2.700	29.10900	.16707	105.06000	850.00000	143.00000	153.00000	.00000	.00000	1.80700
4.575	-2.500	29.11500	.16702	104.91000	848.83000	143.50000	153.00000	.00000	.00000	1.81020
4.575	-2.300	29.12400	.16704	104.92000	848.88000	144.00000	153.00000	.00000	.00000	1.81030
4.574	-2.100	29.13000	.16719	105.00000	849.52000	144.51000	153.00000	.00000	.00000	1.81000
4.570	-1.900	29.14000	.16704	105.00000	849.54000	145.01000	154.00000	.00000	.00000	1.80840
4.564	-1.700	29.14100	.16713	105.12000	850.58000	145.56000	154.00000	.00000	.00000	1.80600
4.564	-1.500	29.15300	.16721	105.16000	850.91000	146.04000	154.00000	.00000	.00000	1.80600
4.567	-1.300	29.15800	.16718	105.11000	850.51000	146.68000	155.00000	.00000	.00000	1.80700
4.564	-1.100	29.16400	.16728	105.19000	851.16000	147.28000	155.00000	.00000	.00000	1.80600
4.557	-.900	29.17500	.16724	105.29000	851.95000	147.93000	155.00000	.00000	.00000	1.80320
4.549	-.700	29.17700	.16715	105.37000	852.65000	148.61000	156.00000	.00000	.00000	1.80000
4.546	-.500	29.18900	.16714	105.42000	853.05000	149.30000	156.00000	.00000	.00000	1.79870
4.545	-.300	29.19100	.16707	105.40000	852.92000	150.09000	157.00000	.00000	.00000	1.79840
4.534	-.100	29.20000	.16672	105.43000	853.18000	150.78000	157.00000	.00000	.00000	1.79390
4.531	.100	29.20400	.16655	105.40000	852.92000	151.60000	158.00000	.00000	.00000	1.79300
4.545	.300	29.21100	.16659	105.19000	851.31000	152.35000	158.00000	.00000	.00000	1.79850
4.541	.500	29.22000	.16646	105.22000	851.50000	153.17000	159.00000	.00000	.00000	1.79660
4.537	.700	29.22000	.16646	105.28000	852.00000	153.95000	161.00000	.00000	.00000	1.79510
4.530	.900	29.23500	.16641	105.35000	852.64000	154.75000	162.00000	.00000	.00000	1.79260
4.521	1.100	29.23400	.16633	105.47000	853.62000	155.53000	162.00000	.00000	.00000	1.78870
4.514	1.300	29.24500	.16631	105.57000	854.41000	156.24000	163.00000	.00000	.00000	1.78610
4.508	1.500	29.25000	.16616	105.59000	854.59000	157.04000	163.00000	.00000	.00000	1.78390
4.502	1.700	29.25500	.16599	105.62000	854.87000	157.74000	163.00000	.00000	.00000	1.78130
4.501	1.900	29.26300	.16592	105.61000	854.79000	158.49000	164.00000	.00000	.00000	1.78090
4.501	2.100	29.26600	.16591	105.60000	854.72000	159.19000	164.00000	.00000	.00000	1.78100
4.506	2.300	29.28100	.16597	105.56000	854.38000	159.95000	164.00000	.00000	.00000	1.78290
4.500	2.500	29.28000	.16592	105.62000	854.91000	160.74000	164.00000	.00000	.00000	1.78070
4.494	2.700	29.29100	.16590	105.72000	855.71000	161.37000	164.00000	.00000	.00000	1.77810
4.495	2.900	29.29300	.16590	105.70000	855.62000	162.10000	164.00000	.00000	.00000	1.77840
4.501	3.100	29.30400	.16587	105.60000	854.77000	162.78000	164.00000	.00000	.00000	1.78080
4.496	3.300	29.31300	.16567	105.59000	854.75000	163.48000	164.00000	.00000	.00000	1.77880
4.496	3.500	29.31400	.16565	105.58000	854.62000	164.17000	164.00000	.00000	.00000	1.77900
4.492	3.700	29.32700	.16565	105.65000	855.21000	164.86000	164.00000	.00000	.00000	1.77730
	GRADIENT	.03129	-.00072	-.23714	-1.83429	3.85000	2.71429	.00000	.00000	-.00159

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E018) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 91/ 0 RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.424	-4.261	31.80500	.16590	106.92000	867.40000	155.21000	161.00000	.00000	.00000	1.75030
4.440	-4.100	31.83000	.16618	106.77000	866.24000	156.29000	162.00000	.00000	.00000	1.75690
4.465	-3.900	31.83300	.16642	106.48000	863.89000	157.11000	163.00000	.00000	.00000	1.76680
4.480	-3.700	31.83400	.16664	106.34000	862.74000	157.93000	163.00000	.00000	.00000	1.77280
4.473	-3.500	31.83900	.16687	106.55000	864.49000	158.69000	164.00000	.00000	.00000	1.76990
4.466	-3.300	31.85100	.16702	106.73000	865.98000	159.42000	164.00000	.00000	.00000	1.76700
4.505	-3.100	31.86600	.16721	106.20000	861.68000	160.15000	165.00000	.00000	.00000	1.78250
4.524	-2.900	31.86900	.16738	105.97000	859.86000	160.90000	165.00000	.00000	.00000	1.78990
4.527	-2.700	31.87100	.16758	106.01000	860.19000	161.53000	166.00000	.00000	.00000	1.79120
4.527	-2.500	31.88400	.16768	106.05000	860.52000	162.17000	166.00000	.00000	.00000	1.79130
4.525	-2.300	31.90400	.16780	106.14000	861.27000	162.84000	166.00000	.00000	.00000	1.79030
4.543	-2.100	31.90500	.16803	105.95000	859.77000	163.48000	167.00000	.00000	.00000	1.79770
4.541	-1.900	31.90700	.16823	106.06000	860.73000	164.18000	167.00000	.00000	.00000	1.79690
4.518	-1.700	31.91500	.16832	106.47000	864.08000	164.77000	167.00000	.00000	.00000	1.78750
4.521	-1.500	31.93400	.16850	106.50000	864.29000	165.49000	167.00000	.00000	.00000	1.78890
4.531	-1.300	31.94000	.16863	106.40000	863.54000	166.24000	168.00000	.00000	.00000	1.79270
4.543	-1.100	31.94200	.16887	106.31000	862.84000	166.99000	168.00000	.00000	.00000	1.79750
4.554	-.900	31.95000	.16895	106.18000	861.77000	167.68000	169.00000	.00000	.00000	1.80180
4.552	-.700	31.96900	.16896	106.20000	862.01000	168.44000	170.00000	.00000	.00000	1.80130
4.551	-.500	31.97400	.16885	106.18000	861.85000	169.19000	171.00000	.00000	.00000	1.80060
4.542	-.300	31.97200	.16845	106.15000	861.62000	170.00000	172.00000	.00000	.00000	1.79720
4.533	-.100	31.97700	.16814	106.16000	861.72000	170.71000	172.00000	.00000	.00000	1.79370
4.530	.100	31.99000	.16799	106.14000	861.62000	171.44000	172.00000	.00000	.00000	1.79250
4.531	.300	31.99900	.16783	106.07000	861.05000	172.19000	172.00000	.00000	.00000	1.79270
4.534	.500	31.99900	.16774	105.99000	860.43000	172.95000	172.00000	.00000	.00000	1.79380
4.540	.700	32.00400	.16763	105.84000	859.23000	173.65000	172.00000	.00000	.00000	1.79640
4.552	.900	32.01600	.16744	105.58000	857.12000	174.34000	172.00000	.00000	.00000	1.80110
4.559	1.100	32.02900	.16736	105.44000	856.03000	175.05000	171.00000	.00000	.00000	1.80390
4.564	1.300	32.02900	.16743	105.40000	855.70000	175.77000	171.00000	.00000	.00000	1.80570
4.568	1.500	32.03200	.16746	105.34000	855.29000	176.40000	171.00000	.00000	.00000	1.80740
4.568	1.700	32.04300	.16734	105.30000	854.93000	177.04000	170.00000	.00000	.00000	1.80740
4.579	1.900	32.05600	.16732	105.12000	853.55000	177.74000	170.00000	.00000	.00000	1.81170
4.573	2.100	32.05900	.16724	105.17000	853.96000	178.43000	170.00000	.00000	.00000	1.80960
4.563	2.300	32.06000	.16718	105.31000	855.10000	179.05000	169.00000	.00000	.00000	1.80540
4.564	2.500	32.07300	.16701	105.23000	854.47000	179.66000	169.00000	.00000	.00000	1.80570
4.570	2.700	32.08400	.16691	105.08000	853.30000	180.24000	168.00000	.00000	.00000	1.80840
4.561	2.900	32.08700	.16681	105.18000	854.16000	180.95000	168.00000	.00000	.00000	1.80470
4.558	3.050	32.08800	.16705	105.34000	855.59000	184.48000	168.00000	.00000	.00000	1.80340
	GRADIENT	.03129	-.00108	-.17286	-1.27286	3.72857	.71429	.00000	.00000	-.00696

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) DV102 W/(FSB)

(T7E118) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2091/ 0 RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLDOR	PCEIL	RN
4.435	-4.200	31.82000	.16602	106.79000	866.39000	155.89000	162.00000	.00000	.00000	1.75480
4.452	-4.000	31.83200	.16631	106.65000	865.22000	156.72000	163.00000	.00000	.00000	1.76150
4.474	-3.800	31.83300	.16653	106.38000	863.08000	157.52000	163.00000	.00000	.00000	1.77040
4.479	-3.600	31.83500	.16678	106.42000	863.40000	158.31000	164.00000	.00000	.00000	1.77230
4.466	-3.400	31.84400	.16690	106.68000	865.56000	159.05000	164.00000	.00000	.00000	1.76700
4.482	-3.200	31.86400	.16712	106.52000	864.27000	159.77000	165.00000	.00000	.00000	1.77340
4.518	-3.000	31.86900	.16728	106.01000	860.21000	160.52000	165.00000	.00000	.00000	1.78780
4.524	-2.800	31.86900	.16748	106.00000	860.13000	161.25000	165.00000	.00000	.00000	1.79020
4.531	-2.600	31.87600	.16764	105.96000	859.83000	161.84000	166.00000	.00000	.00000	1.79300
4.522	-2.400	31.89700	.16773	106.15000	861.35000	162.48000	166.00000	.00000	.00000	1.78940
4.531	-2.200	31.90300	.16788	106.07000	860.75000	163.15000	166.00000	.00000	.00000	1.79290
4.551	-2.000	31.90500	.16812	105.86000	859.10000	163.84000	167.00000	.00000	.00000	1.80080
4.528	-1.800	31.90900	.16829	106.30000	862.66000	164.46000	167.00000	.00000	.00000	1.79150
4.516	-1.600	31.92400	.16841	106.53000	864.55000	165.12000	167.00000	.00000	.00000	1.78700
4.525	-1.400	31.94000	.16857	106.46000	863.98000	165.87000	167.00000	.00000	.00000	1.79060
4.536	-1.200	31.94000	.16877	106.38000	863.35000	166.62000	168.00000	.00000	.00000	1.79480
4.550	-1.000	31.94300	.16893	106.22000	862.10000	167.35000	169.00000	.00000	.00000	1.80050
4.553	-.800	31.96000	.16896	106.19000	861.86000	168.04000	170.00000	.00000	.00000	1.80160
4.553	-.600	31.97500	.16895	106.19000	861.94000	168.80000	171.00000	.00000	.00000	1.80140
4.548	-.400	31.97300	.16868	106.15000	861.60000	169.60000	172.00000	.00000	.00000	1.79960
4.537	-.200	31.97300	.16828	106.16000	861.69000	170.36000	172.00000	.00000	.00000	1.79530
4.531	.000	31.98100	.16804	106.15000	861.65000	171.07000	172.00000	.00000	.00000	1.79290
4.530	.200	31.99500	.16792	106.12000	861.47000	171.85000	172.00000	.00000	.00000	1.79230
4.531	.400	32.00000	.16776	106.03000	860.75000	172.59000	172.00000	.00000	.00000	1.79290
4.536	.600	32.00100	.16771	105.94000	860.03000	173.29000	172.00000	.00000	.00000	1.79480
4.546	.800	32.00800	.16751	105.70000	858.08000	174.00000	172.00000	.00000	.00000	1.79880
4.557	1.000	32.02300	.16738	105.47000	856.29000	174.68000	172.00000	.00000	.00000	1.80320
4.561	1.200	32.02900	.16739	105.43000	855.93000	175.35000	171.00000	.00000	.00000	1.80450
4.567	1.400	32.03000	.16750	105.38000	855.54000	176.11000	171.00000	.00000	.00000	1.80700
4.566	1.600	32.03600	.16737	105.34000	855.24000	176.73000	170.00000	.00000	.00000	1.80670
4.578	1.800	32.05100	.16738	105.15000	853.76000	177.36000	170.00000	.00000	.00000	1.81150
4.574	2.000	32.06200	.16724	105.16000	853.84000	178.06000	170.00000	.00000	.00000	1.81000
4.568	2.200	32.06100	.16723	105.25000	854.60000	178.76000	169.00000	.00000	.00000	1.80750
4.561	2.400	32.06400	.16710	105.31000	855.10000	179.37000	169.00000	.00000	.00000	1.80470
4.568	2.600	32.07900	.16698	105.14000	853.78000	179.97000	169.00000	.00000	.00000	1.80760
4.566	2.800	32.08800	.16683	105.11000	853.58000	180.60000	168.00000	.00000	.00000	1.80680
4.562	3.000	32.08500	.16683	105.18000	854.12000	181.35000	168.00000	.00000	.00000	1.80510
	GRADIENT	.02750	-.00106	-.18393	-1.36606	3.73929	.53572	.00000	.00000	-.00646

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E019) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 94/ O RN/L = 4.35 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.414	-4.669	29.21400	.16110	105.08000	854.28000	155.39000	9999.00000	.00000	.00000	1.74670
4.410	-4.500	29.21900	.16104	105.13000	854.74000	156.53000	9999.00000	.00000	.00000	1.74480
4.414	-4.300	29.22700	.16096	105.03000	853.91000	157.16000	9999.00000	.00000	.00000	1.74660
4.413	-4.100	29.22500	.16107	105.08000	854.38000	157.91000	9999.00000	.00000	.00000	1.74630
4.417	-3.900	29.23500	.16097	104.99000	853.63000	158.53000	9999.00000	.00000	.00000	1.74760
4.407	-3.700	29.24100	.16097	105.14000	854.90000	159.22000	9999.00000	.00000	.00000	1.74380
4.406	-3.500	29.24200	.16099	105.18000	855.17000	159.93000	9999.00000	.00000	.00000	1.74330
4.404	-3.300	29.25900	.16089	105.16000	855.03000	160.54000	9999.00000	.00000	.00000	1.74270
4.396	-3.100	29.25600	.16089	105.29000	856.15000	161.22000	9999.00000	.00000	.00000	1.73930
4.390	-2.900	29.26600	.16088	105.38000	856.87000	161.78000	9999.00000	.00000	.00000	1.73700
4.388	-2.700	29.27700	.16083	105.39000	857.00000	162.38000	9999.00000	.00000	.00000	1.73620
4.394	-2.500	29.27800	.16091	105.33000	856.47000	162.97000	9999.00000	.00000	.00000	1.73870
4.389	-2.300	29.29300	.16091	105.42000	857.21000	163.52000	9999.00000	.00000	.00000	1.73650
4.375	-2.100	29.29600	.16094	105.65000	859.11000	164.15000	9999.00000	.00000	.00000	1.73110
4.369	-1.900	29.29900	.16092	105.74000	859.83000	164.67000	9999.00000	.00000	.00000	1.72880
4.368	-1.700	29.31400	.16078	105.69000	859.51000	165.26000	9999.00000	.00000	.00000	1.72830
4.379	-1.500	29.31500	.16071	105.49000	857.87000	165.84000	9999.00000	.00000	.00000	1.73250
4.381	-1.300	29.32600	.16067	105.44000	857.49000	166.43000	9999.00000	.00000	.00000	1.73330
4.384	-1.100	29.33300	.16058	105.34000	856.70000	167.04000	9999.00000	.00000	.00000	1.73480
4.378	-.900	29.33200	.16052	105.42000	857.30000	167.67000	9999.00000	.00000	.00000	1.73240
4.367	-.700	29.35100	.16019	105.45000	857.60000	168.25000	9999.00000	.00000	.00000	1.72790
4.351	-.500	29.34900	.16001	105.63000	859.06000	168.92000	9999.00000	.00000	.00000	1.72170
4.336	-.300	29.35200	.15976	105.77000	860.25000	169.54000	9999.00000	.00000	.00000	1.71550
4.322	-.100	29.36600	.15944	105.85000	860.90000	170.21000	9999.00000	.00000	.00000	1.71020
4.320	.100	29.36500	.15939	105.86000	860.98000	170.86000	9999.00000	.00000	.00000	1.70950
4.310	.300	29.37800	.15916	105.93000	861.52000	171.47000	9999.00000	.00000	.00000	1.70540
4.307	.500	29.38300	.15919	105.99000	862.07000	172.17000	9999.00000	.00000	.00000	1.70410
4.301	.700	29.38400	.15905	106.03000	862.41000	172.81000	9999.00000	.00000	.00000	1.70170
4.295	.900	29.39900	.15887	106.04000	862.49000	173.44000	9999.00000	.00000	.00000	1.69960
4.290	1.100	29.39600	.15883	106.12000	863.12000	174.15000	9999.00000	.00000	.00000	1.69740
4.280	1.300	29.40800	.15847	106.12000	863.20000	174.79000	9999.00000	.00000	.00000	1.69340
4.281	1.500	29.41500	.15836	106.05000	862.63000	175.45000	9999.00000	.00000	.00000	1.69390
4.274	1.700	29.41200	.15829	106.13000	863.30000	176.09000	9999.00000	.00000	.00000	1.69130
4.273	1.900	29.43100	.15819	106.10000	863.07000	176.71000	9999.00000	.00000	.00000	1.69090
4.284	2.100	29.43200	.15827	105.96000	861.93000	177.38000	9999.00000	.00000	.00000	1.69520
4.293	2.300	29.44100	.15833	105.85000	861.02000	177.99000	9999.00000	.00000	.00000	1.69850
4.293	2.500	29.45300	.15863	105.98000	862.07000	178.58000	9999.00000	.00000	.00000	1.69870
4.303	2.700	29.45400	.15922	106.08000	862.93000	179.24000	9999.00000	.00000	.00000	1.70250
4.322	2.820	29.46600	.16006	106.13000	863.38000	180.00000	9999.00000	.00000	.00000	1.71020
	GRADIENT	.03529	-.00085	.32714	2.70572	3.24143	.00000	.00000	-.01700	

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E119) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2094/ 0 RN/L = 4.35 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.412	-4.600	29.21300	.16105	105.09000	854.44000	156.17000	9999.00000	.00000	.00000	1.74590
4.411	-4.400	29.22600	.16097	105.08000	854.36000	156.86000	9999.00000	.00000	.00000	1.74520
4.411	-4.200	29.22500	.16098	105.08000	854.33000	157.54000	9999.00000	.00000	.00000	1.74550
4.416	-4.000	29.22900	.16104	105.03000	853.94000	158.19000	9999.00000	.00000	.00000	1.74740
4.412	-3.800	29.24200	.16095	105.06000	854.20000	158.85000	9999.00000	.00000	.00000	1.74570
4.406	-3.600	29.24000	.16102	105.19000	855.28000	159.58000	9999.00000	.00000	.00000	1.74330
4.407	-3.400	29.25000	.16093	105.13000	854.80000	160.21000	9999.00000	.00000	.00000	1.74380
4.401	-3.200	29.25900	.16091	105.22000	855.59000	160.89000	9999.00000	.00000	.00000	1.74120
4.392	-3.000	29.26000	.16089	105.34000	856.56000	161.52000	9999.00000	.00000	.00000	1.73800
4.387	-2.800	29.27200	.16085	105.41000	857.12000	162.07000	9999.00000	.00000	.00000	1.73590
4.391	-2.600	29.27600	.16085	105.35000	856.64000	162.72000	9999.00000	.00000	.00000	1.73750
4.394	-2.400	29.28400	.16091	105.33000	856.49000	163.25000	9999.00000	.00000	.00000	1.73860
4.381	-2.200	29.29700	.16090	105.53000	858.17000	163.82000	9999.00000	.00000	.00000	1.73350
4.371	-2.000	29.29600	.16095	105.72000	859.70000	164.41000	9999.00000	.00000	.00000	1.72940
4.369	-1.800	29.31000	.16084	105.71000	859.63000	164.95000	9999.00000	.00000	.00000	1.72860
4.372	-1.600	29.31600	.16076	105.61000	858.86000	165.56000	9999.00000	.00000	.00000	1.73000
4.383	-1.400	29.31700	.16071	105.42000	857.28000	166.16000	9999.00000	.00000	.00000	1.73430
4.382	-1.200	29.33300	.16061	105.40000	857.15000	166.73000	9999.00000	.00000	.00000	1.73380
4.384	-1.000	29.33200	.16057	105.35000	856.77000	167.36000	9999.00000	.00000	.00000	1.73450
4.372	-.800	29.33900	.16033	105.43000	857.43000	167.97000	9999.00000	.00000	.00000	1.73000
4.358	-.600	29.34900	.16006	105.55000	858.42000	168.62000	9999.00000	.00000	.00000	1.72420
4.344	-.400	29.34700	.15994	105.71000	859.73000	169.23000	9999.00000	.00000	.00000	1.71890
4.326	-.200	29.36300	.15953	105.82000	860.63000	169.87000	9999.00000	.00000	.00000	1.71180
4.321	.000	29.36300	.15941	105.86000	860.97000	170.52000	9999.00000	.00000	.00000	1.70970
4.316	.200	29.36800	.15927	105.88000	861.10000	171.19000	9999.00000	.00000	.00000	1.70780
4.307	.400	29.38200	.15914	105.97000	861.86000	171.83000	9999.00000	.00000	.00000	1.70420
4.305	.600	29.38400	.15916	106.01000	862.23000	172.49000	9999.00000	.00000	.00000	1.70340
4.296	.800	29.39300	.15892	106.05000	862.54000	173.13000	9999.00000	.00000	.00000	1.69820
4.292	1.000	29.39800	.15884	106.08000	862.85000	173.80000	9999.00000	.00000	.00000	1.69510
4.284	1.200	29.39900	.15867	106.14000	863.33000	174.48000	9999.00000	.00000	.00000	1.69410
4.282	1.400	29.41600	.15841	106.06000	862.71000	175.10000	9999.00000	.00000	.00000	1.69290
4.279	1.600	29.41300	.15833	106.08000	862.86000	175.77000	9999.00000	.00000	.00000	1.69020
4.272	1.800	29.42400	.15823	106.15000	863.43000	176.39000	9999.00000	.00000	.00000	1.69280
4.278	2.000	29.43300	.15825	106.05000	862.63000	177.04000	9999.00000	.00000	.00000	1.69800
4.291	2.200	29.43100	.15829	105.85000	861.02000	177.71000	9999.00000	.00000	.00000	1.69840
4.292	2.400	29.44900	.15844	105.90000	861.45000	178.28000	9999.00000	.00000	.00000	1.70070
4.298	2.600	29.45300	.15893	106.02000	862.46000	178.93000	9999.00000	.00000	.00000	1.70800
4.317	2.800	29.46400	.15966	106.05000	862.70000	179.64000	9999.00000	.00000	.00000	-.01711
	GRADIENT	.03214	-.00081	.35000	2.88572	3.23750	.00012	.00000	.00000	

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E020) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 95/ O RN/L = 4.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.505	-4.953	31.61900	.16356	104.76000	852.60000	162.96000	9999.00000	.00000	.00000	1.78260
4.498	-4.800	31.62400	.16342	104.81000	853.02000	163.98000	9999.00000	.00000	.00000	1.77980
4.492	-4.600	31.62600	.16346	104.93000	853.97000	164.66000	9999.00000	.00000	.00000	1.77730
4.485	-4.400	31.62500	.16346	105.04000	854.90000	165.28000	9999.00000	.00000	.00000	1.77450
4.472	-4.200	31.64000	.16333	105.19000	856.11000	165.89000	9999.00000	.00000	.00000	1.76940
4.466	-4.000	31.63600	.16327	105.26000	856.70000	166.54000	9999.00000	.00000	.00000	1.76690
4.459	-3.800	31.64900	.16307	105.27000	856.81000	167.14000	9999.00000	.00000	.00000	1.76440
4.460	-3.600	31.65400	.16303	105.24000	856.60000	167.80000	9999.00000	.00000	.00000	1.76470
4.446	-3.400	31.66000	.16283	105.37000	857.65000	168.38000	9999.00000	.00000	.00000	1.75930
4.440	-3.200	31.66900	.16269	105.41000	857.98000	169.00000	9999.00000	.00000	.00000	1.75680
4.431	-3.000	31.67000	.16255	105.48000	858.59000	169.64000	9999.00000	.00000	.00000	1.75340
4.421	-2.800	31.68300	.16220	105.50000	858.69000	170.18000	9999.00000	.00000	.00000	1.74940
4.422	-2.600	31.68600	.16213	105.46000	858.38000	170.84000	9999.00000	.00000	.00000	1.74970
4.421	-2.400	31.69700	.16203	105.44000	858.22000	171.38000	9999.00000	.00000	.00000	1.74910
4.418	-2.200	31.70100	.16197	105.45000	858.39000	172.00000	9999.00000	.00000	.00000	1.74800
4.416	-2.000	31.70500	.16188	105.44000	858.27000	172.60000	9999.00000	.00000	.00000	1.74740
4.410	-1.800	31.72200	.16181	105.51000	858.84000	173.23000	9999.00000	.00000	.00000	1.74500
4.404	-1.600	31.72000	.16173	105.57000	859.40000	173.91000	9999.00000	.00000	.00000	1.74240
4.396	-1.400	31.73300	.16159	105.64000	859.96000	174.51000	9999.00000	.00000	.00000	1.73920
4.399	-1.200	31.73600	.16161	105.60000	859.66000	175.18000	9999.00000	.00000	.00000	1.74040
4.400	-1.000	31.74200	.16162	105.60000	859.59000	175.80000	9999.00000	.00000	.00000	1.74080
4.390	-.800	31.75800	.16154	105.72000	860.59000	176.43000	9999.00000	.00000	.00000	1.73690
4.378	-.600	31.75500	.16148	105.88000	861.93000	177.12000	9999.00000	.00000	.00000	1.73230
4.366	-.400	31.77200	.16135	106.02000	863.05000	177.72000	9999.00000	.00000	.00000	1.72750
4.365	-.200	31.77400	.16136	106.03000	863.19000	178.41000	9999.00000	.00000	.00000	1.72730
4.360	.000	31.78100	.16121	106.06000	863.41000	179.00000	9999.00000	.00000	.00000	1.72510
4.354	.200	31.79200	.16122	106.15000	864.20000	179.65000	9999.00000	.00000	.00000	1.72290
4.347	.400	31.79000	.16119	106.26000	865.10000	180.30000	9999.00000	.00000	.00000	1.71990
4.341	.600	31.80800	.16108	106.31000	865.47000	180.93000	9999.00000	.00000	.00000	1.71770
4.336	.800	31.80400	.16099	106.36000	865.87000	181.58000	9999.00000	.00000	.00000	1.71550
4.337	1.000	31.81700	.16091	106.30000	865.42000	182.18000	9999.00000	.00000	.00000	1.71610
4.344	1.200	31.82500	.16089	106.18000	864.48000	182.87000	9999.00000	.00000	.00000	1.71870
4.346	1.400	31.82600	.16074	106.08000	863.62000	183.44000	9999.00000	.00000	.00000	1.71970
4.342	1.600	31.84200	.16063	106.10000	863.79000	184.11000	9999.00000	.00000	.00000	1.71810
4.334	1.800	31.84100	.16052	106.18000	864.51000	184.69000	9999.00000	.00000	.00000	1.71480
4.323	2.000	31.85600	.16026	106.25000	865.06000	185.27000	9999.00000	.00000	.00000	1.71040
4.318	2.200	31.85500	.16016	106.28000	865.31000	185.92000	9999.00000	.00000	.00000	1.70860
4.308	2.400	31.86200	.15999	106.37000	866.07000	186.47000	9999.00000	.00000	.00000	1.70470
4.299	2.600	31.87100	.15984	106.46000	866.82000	187.11000	9999.00000	.00000	.00000	1.70090
	GRADIENT	.03804	-.00030	.33750	2.80894	3.18393	.00012	.00000	.00000	-.01132

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E120) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2095/0 RN/L = 4.39 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.505	-4.900	31.61300	.16350	104.74000	852.44000	163.62000	9999.00000	.00000	.00000	1.78250
4.492	-4.700	31.62800	.16342	104.91000	853.81000	164.29000	9999.00000	.00000	.00000	1.77740
4.490	-4.500	31.62300	.16349	104.97000	854.31000	164.99000	9999.00000	.00000	.00000	1.77660
4.477	-4.300	31.63400	.16340	105.12000	855.58000	165.57000	9999.00000	.00000	.00000	1.77160
4.468	-4.100	31.63700	.16330	105.23000	856.47000	166.21000	9999.00000	.00000	.00000	1.76780
4.462	-3.900	31.64200	.16315	105.27000	856.78000	166.83000	9999.00000	.00000	.00000	1.76540
4.462	-3.700	31.65500	.16309	105.24000	856.54000	167.45000	9999.00000	.00000	.00000	1.76550
4.453	-3.500	31.65500	.16295	105.32000	857.25000	168.10000	9999.00000	.00000	.00000	1.76180
4.443	-3.300	31.66900	.16276	105.39000	857.82000	168.66000	9999.00000	.00000	.00000	1.75800
4.435	-3.100	31.66800	.16261	105.45000	858.31000	169.36000	9999.00000	.00000	.00000	1.75500
4.428	-2.900	31.67600	.16239	105.48000	858.56000	169.90000	9999.00000	.00000	.00000	1.75190
4.420	-2.700	31.68600	.16213	105.50000	858.70000	170.52000	9999.00000	.00000	.00000	1.74870
4.424	-2.500	31.69000	.16212	105.42000	858.06000	171.11000	9999.00000	.00000	.00000	1.75050
4.418	-2.300	31.70300	.16198	105.46000	858.41000	171.68000	9999.00000	.00000	.00000	1.74810
4.415	-2.100	31.70400	.16192	105.47000	858.53000	172.34000	9999.00000	.00000	.00000	1.74710
4.412	-1.900	31.71300	.16178	105.46000	858.48000	172.89000	9999.00000	.00000	.00000	1.74570
4.407	-1.700	31.72000	.16177	105.54000	859.11000	173.58000	9999.00000	.00000	.00000	1.74380
4.400	-1.500	31.72300	.16165	105.61000	859.66000	174.21000	9999.00000	.00000	.00000	1.74080
4.395	-1.300	31.74100	.16159	105.65000	860.02000	174.85000	9999.00000	.00000	.00000	1.73910
4.399	-1.100	31.73900	.16164	105.62000	859.77000	175.49000	9999.00000	.00000	.00000	1.74050
4.395	-.900	31.75400	.16157	105.65000	860.06000	176.11000	9999.00000	.00000	.00000	1.73890
4.384	-.700	31.75500	.16152	105.80000	861.24000	176.78000	9999.00000	.00000	.00000	1.73480
4.371	-.500	31.76000	.16140	105.96000	862.57000	177.40000	9999.00000	.00000	.00000	1.72950
4.365	-.300	31.77500	.16137	106.04000	863.28000	178.06000	9999.00000	.00000	.00000	1.72710
4.365	-.100	31.77300	.16132	106.02000	863.08000	178.74000	9999.00000	.00000	.00000	1.72720
4.355	.100	31.79100	.16117	106.11000	863.87000	179.31000	9999.00000	.00000	.00000	1.72330
4.352	.300	31.78800	.16125	106.21000	864.62000	179.99000	9999.00000	.00000	.00000	1.72190
4.342	.500	31.79800	.16109	106.30000	865.36000	180.57000	9999.00000	.00000	.00000	1.71810
4.338	.700	31.81000	.16103	106.34000	865.71000	181.24000	9999.00000	.00000	.00000	1.71650
4.335	.900	31.80900	.16093	106.35000	865.81000	181.89000	9999.00000	.00000	.00000	1.71520
4.341	1.100	31.82500	.16091	106.23000	864.87000	182.54000	9999.00000	.00000	.00000	1.71770
4.344	1.300	31.82200	.16083	106.15000	864.19000	183.18000	9999.00000	.00000	.00000	1.71900
4.344	1.500	31.83900	.16062	106.05000	863.43000	183.73000	9999.00000	.00000	.00000	1.71900
4.338	1.700	31.84200	.16059	106.15000	864.23000	184.42000	9999.00000	.00000	.00000	1.71630
4.328	1.900	31.84800	.16041	106.24000	864.95000	184.98000	9999.00000	.00000	.00000	1.71230
4.319	2.100	31.85800	.16016	106.27000	865.25000	185.59000	9999.00000	.00000	.00000	1.70880
4.314	2.300	31.85800	.16011	106.32000	865.68000	186.19000	9999.00000	.00000	.00000	1.70700
4.303	2.500	31.87100	.15990	106.42000	866.46000	186.75000	9999.00000	.00000	.00000	1.70260
4.294	2.655	31.86400	.15973	106.48000	867.00000	187.39000	9999.00000	.00000	.00000	1.69920
	GRADIENT	.03529	-.00029	.32857	2.67999	3.17286	.00000	.00000	.00000	-.01093

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E021) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 35.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 96/ O RN/L = 4.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.532	-4.807	34.13800	.16766	106.01000	861.26000	154.85000	9999.00000	.00000	.00000	1.79320
4.532	-4.700	34.14700	.16773	106.05000	861.58000	156.06000	9999.00000	.00000	.00000	1.79310
4.536	-4.500	34.15200	.16790	106.04000	861.57000	157.00000	9999.00000	.00000	.00000	1.79490
4.545	-4.300	34.16300	.16807	105.98000	861.09000	157.98000	9999.00000	.00000	.00000	1.79840
4.542	-4.100	34.16300	.16817	106.08000	861.90000	158.88000	9999.00000	.00000	.00000	1.79710
4.534	-3.900	34.18000	.16802	106.14000	862.44000	159.75000	9999.00000	.00000	.00000	1.79380
4.536	-3.700	34.17800	.16773	105.99000	861.20000	160.77000	9999.00000	.00000	.00000	1.79470
4.527	-3.500	34.18500	.16711	105.86000	860.19000	161.64000	9999.00000	.00000	.00000	1.79140
4.502	-3.300	34.18900	.16650	105.99000	861.29000	162.59000	9999.00000	.00000	.00000	1.78150
4.490	-3.100	34.18900	.16616	106.05000	861.82000	163.46000	9999.00000	.00000	.00000	1.77640
4.481	-2.900	34.20600	.16587	106.06000	861.87000	164.28000	9999.00000	.00000	.00000	1.77320
4.474	-2.700	34.20200	.16573	106.12000	862.40000	165.25000	9999.00000	.00000	.00000	1.77020
4.470	-2.500	34.21400	.16520	105.96000	861.13000	166.11000	9999.00000	.00000	.00000	1.76850
4.459	-2.300	34.21900	.16492	106.00000	861.50000	167.03000	9999.00000	.00000	.00000	1.76450
4.447	-2.100	34.22500	.16476	106.14000	862.61000	167.94000	9999.00000	.00000	.00000	1.75950
4.442	-1.900	34.23500	.16454	106.12000	862.48000	168.79000	9999.00000	.00000	.00000	1.75770
4.450	-1.700	34.23700	.16451	105.98000	861.36000	169.75000	9999.00000	.00000	.00000	1.76080
4.449	-1.500	34.25300	.16444	105.97000	861.38000	170.57000	9999.00000	.00000	.00000	1.76020
4.440	-1.300	34.25400	.16441	106.10000	862.41000	171.44000	9999.00000	.00000	.00000	1.75680
4.439	-1.100	34.26600	.16440	106.12000	862.57000	172.22000	9999.00000	.00000	.00000	1.75630
4.444	-.900	34.27500	.16450	106.07000	862.26000	173.07000	9999.00000	.00000	.00000	1.75840
4.444	-.700	34.27600	.16456	106.10000	862.53000	173.85000	9999.00000	.00000	.00000	1.75830
4.441	-.500	34.29500	.16449	106.13000	862.77000	174.65000	9999.00000	.00000	.00000	1.75700
4.436	-.300	34.29500	.16449	106.19000	863.30000	175.51000	9999.00000	.00000	.00000	1.75540
4.441	-.100	34.31100	.16449	106.12000	862.72000	176.25000	9999.00000	.00000	.00000	1.75730
4.442	.100	34.31500	.16454	106.13000	862.82000	177.08000	9999.00000	.00000	.00000	1.75770
4.455	.300	34.32000	.16463	105.96000	861.44000	177.83000	9999.00000	.00000	.00000	1.76290
4.455	.500	34.33500	.16460	105.95000	861.45000	178.58000	9999.00000	.00000	.00000	1.76270
4.453	.700	34.33600	.16471	106.03000	862.13000	179.39000	9999.00000	.00000	.00000	1.76190
4.455	.900	34.35500	.16467	105.98000	861.71000	180.08000	9999.00000	.00000	.00000	1.76280
4.450	1.100	34.35300	.16466	106.06000	862.39000	180.84000	9999.00000	.00000	.00000	1.76070
4.444	1.300	34.36400	.16462	106.14000	863.10000	181.52000	9999.00000	.00000	.00000	1.75830
4.455	1.500	34.37400	.16471	106.01000	862.00000	182.26000	9999.00000	.00000	.00000	1.76260
4.459	1.700	34.37400	.16468	105.93000	861.44000	182.97000	9999.00000	.00000	.00000	1.76420
4.458	1.900	34.39600	.16468	105.94000	861.49000	183.70000	9999.00000	.00000	.00000	1.76410
4.462	2.100	34.39500	.16480	105.93000	861.48000	184.43000	9999.00000	.00000	.00000	1.76560
4.462	2.300	34.41000	.16476	105.93000	861.44000	185.07000	9999.00000	.00000	.00000	1.76540
4.466	2.500	34.41300	.16479	105.87000	861.01000	185.83000	9999.00000	.00000	.00000	1.76710
4.459	2.700	34.42100	.16486	106.01000	862.18000	186.72000	9999.00000	.00000	.00000	1.76440
	GRADIENT	.03986	.00015	-.22571	-1.72570	3.92000	.00000	.00000	.00000	.00734

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E121) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP, = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	35.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	.6000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2096/ 0 RN/L = 4.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.532	-4.800	34.14300	.16767	106.02000	861.33000	155.11000	9999.00000	.00000	.00000	1.79310
4.534	-4.600	34.14600	.16784	106.06000	861.65000	156.55000	9999.00000	.00000	.00000	1.79410
4.540	-4.400	34.15900	.16795	106.01000	861.33000	157.47000	9999.00000	.00000	.00000	1.79630
4.545	-4.200	34.16200	.16813	106.01000	861.32000	158.44000	9999.00000	.00000	.00000	1.79840
4.537	-4.000	34.16900	.16812	106.14000	862.41000	159.32000	9999.00000	.00000	.00000	1.79500
4.537	-3.800	34.18100	.16789	106.04000	861.66000	160.25000	9999.00000	.00000	.00000	1.79500
4.536	-3.600	34.17700	.16748	105.88000	860.37000	161.22000	9999.00000	.00000	.00000	1.79470
4.515	-3.400	34.19000	.16674	105.90000	860.54000	162.10000	9999.00000	.00000	.00000	1.78640
4.493	-3.200	34.18700	.16633	106.06000	861.88000	163.03000	9999.00000	.00000	.00000	1.77790
4.487	-3.000	34.19900	.16598	106.02000	861.57000	163.85000	9999.00000	.00000	.00000	1.77530
4.476	-2.800	34.20600	.16578	106.10000	862.27000	164.77000	9999.00000	.00000	.00000	1.77100
4.472	-2.600	34.20500	.16552	106.06000	861.97000	165.68000	9999.00000	.00000	.00000	1.76930
4.461	-2.400	34.21900	.16497	106.00000	861.48000	166.55000	9999.00000	.00000	.00000	1.76500
4.455	-2.200	34.22000	.16489	106.05000	861.91000	167.51000	9999.00000	.00000	.00000	1.76290
4.441	-2.000	34.23300	.16461	106.17000	862.89000	168.36000	9999.00000	.00000	.00000	1.75710
4.446	-1.800	34.23600	.16454	106.05000	861.98000	169.28000	9999.00000	.00000	.00000	1.75920
4.448	-1.600	34.24300	.16446	105.98000	861.43000	170.13000	9999.00000	.00000	.00000	1.76010
4.446	-1.400	34.25600	.16442	106.01000	861.64000	171.02000	9999.00000	.00000	.00000	1.75920
4.437	-1.200	34.25600	.16442	106.16000	862.90000	171.81000	9999.00000	.00000	.00000	1.75550
4.442	-1.000	34.27400	.16441	106.07000	862.17000	172.64000	9999.00000	.00000	.00000	1.75770
4.445	-.800	34.27400	.16452	106.08000	862.31000	173.47000	9999.00000	.00000	.00000	1.75860
4.443	-.600	34.28600	.16454	106.12000	862.63000	174.25000	9999.00000	.00000	.00000	1.75780
4.439	-.400	34.29600	.16451	106.17000	863.07000	175.09000	9999.00000	.00000	.00000	1.75630
4.436	-.200	34.29900	.16446	106.19000	863.29000	175.88000	9999.00000	.00000	.00000	1.75520
4.444	.000	34.31800	.16454	106.10000	862.59000	176.68000	9999.00000	.00000	.00000	1.75830
4.448	.200	34.31500	.16462	106.08000	862.42000	177.48000	9999.00000	.00000	.00000	1.75980
4.457	.400	34.33200	.16459	105.91000	861.05000	178.19000	9999.00000	.00000	.00000	1.76370
4.452	.600	34.33300	.16466	106.03000	862.04000	179.02000	9999.00000	.00000	.00000	1.76160
4.456	.800	34.34200	.16471	105.99000	861.75000	179.67000	9999.00000	.00000	.00000	1.76310
4.451	1.000	34.35500	.16463	106.03000	862.11000	180.45000	9999.00000	.00000	.00000	1.76130
4.447	1.200	34.35400	.16466	106.10000	862.76000	181.19000	9999.00000	.00000	.00000	1.75960
4.448	1.400	34.37300	.16466	106.10000	862.71000	181.88000	9999.00000	.00000	.00000	1.75990
4.457	1.600	34.37300	.16471	105.97000	861.75000	182.62000	9999.00000	.00000	.00000	1.76350
4.459	1.800	34.38700	.16466	105.92000	861.30000	183.32000	9999.00000	.00000	.00000	1.76440
4.461	2.000	34.39600	.16477	105.94000	861.51000	184.07000	9999.00000	.00000	.00000	1.76500
4.460	2.200	34.39900	.16474	105.95000	861.59000	184.75000	9999.00000	.00000	.00000	1.76460
4.464	2.400	34.41600	.16478	105.90000	861.27000	185.45000	9999.00000	.00000	.00000	1.76620
4.464	2.600	34.41300	.16481	105.91000	861.38000	186.16000	9999.00000	.00000	.00000	1.76630
4.459	2.710	34.42300	.16488	106.02000	862.31000	186.80000	9999.00000	.00000	.00000	1.76420
	GRADIENT	.04089	.00012	-.16071	-1.19285	3.94822	.00012	.00000	.00000	.00550

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E022) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	37.500	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 97/ 0 RN/L = 4.54 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.636	-4.920	36.66400	.16946	105.15000	853.71000	150.48000	9999.00000	.00000	.00000	1.83420
4.633	-4.800	36.68600	.16958	105.24000	854.49000	152.10000	9999.00000	.00000	.00000	1.83310
4.626	-4.600	36.67900	.16941	105.28000	854.83000	153.26000	9999.00000	.00000	.00000	1.83020
4.611	-4.400	36.69200	.16898	105.33000	855.23000	154.34000	9999.00000	.00000	.00000	1.82440
4.603	-4.200	36.68700	.16869	105.32000	855.24000	155.43000	9999.00000	.00000	.00000	1.82130
4.593	-4.000	36.70300	.16826	105.30000	855.03000	156.46000	9999.00000	.00000	.00000	1.81740
4.588	-3.800	36.70200	.16802	105.28000	854.87000	157.65000	9999.00000	.00000	.00000	1.81550
4.584	-3.600	36.71700	.16775	105.23000	854.56000	158.70000	9999.00000	.00000	.00000	1.81360
4.579	-3.400	36.71800	.16740	105.16000	853.97000	159.79000	9999.00000	.00000	.00000	1.81180
4.564	-3.200	36.72600	.16698	105.21000	854.41000	160.77000	9999.00000	.00000	.00000	1.80590
4.553	-3.000	36.73200	.16682	105.31000	855.21000	161.81000	9999.00000	.00000	.00000	1.80170
4.554	-2.800	36.74200	.16668	105.24000	854.72000	162.83000	9999.00000	.00000	.00000	1.80190
4.560	-2.600	36.75200	.16669	105.15000	853.99000	163.87000	9999.00000	.00000	.00000	1.80440
4.556	-2.400	36.75400	.16661	105.19000	854.29000	164.85000	9999.00000	.00000	.00000	1.80260
4.545	-2.200	36.77000	.16639	105.26000	854.91000	165.85000	9999.00000	.00000	.00000	1.79840
4.543	-2.000	36.76800	.16630	105.26000	854.93000	166.79000	9999.00000	.00000	.00000	1.79740
4.539	-1.800	36.78700	.16609	105.24000	854.75000	167.78000	9999.00000	.00000	.00000	1.79590
4.543	-1.600	36.78100	.16576	105.04000	853.14000	168.73000	9999.00000	.00000	.00000	1.79740
4.529	-1.400	36.80000	.16550	105.13000	853.96000	169.67000	9999.00000	.00000	.00000	1.79210
4.522	-1.200	36.79500	.16551	105.25000	854.89000	170.54000	9999.00000	.00000	.00000	1.78940
4.532	-1.000	36.81500	.16546	105.07000	853.51000	171.38000	9999.00000	.00000	.00000	1.79320
4.531	-.800	36.81500	.16554	105.12000	853.92000	172.30000	9999.00000	.00000	.00000	1.79290
4.521	-.600	36.83300	.16553	105.28000	855.21000	173.19000	9999.00000	.00000	.00000	1.78880
4.516	-.400	36.83300	.16556	105.36000	855.90000	174.10000	9999.00000	.00000	.00000	1.78700
4.514	-.200	36.84900	.16556	105.40000	856.24000	174.93000	9999.00000	.00000	.00000	1.78610
4.519	.000	36.85200	.16573	105.40000	856.26000	175.83000	9999.00000	.00000	.00000	1.78790
4.516	.200	36.86400	.16573	105.44000	856.59000	176.65000	9999.00000	.00000	.00000	1.78700
4.511	.400	36.87200	.16577	105.54000	857.39000	177.56000	9999.00000	.00000	.00000	1.78500
4.506	.600	36.87800	.16566	105.57000	857.70000	178.34000	9999.00000	.00000	.00000	1.78300
4.510	.800	36.89200	.16572	105.54000	857.47000	179.18000	9999.00000	.00000	.00000	1.78430
4.515	1.000	36.89600	.16574	105.47000	856.92000	179.97000	9999.00000	.00000	.00000	1.78640
4.524	1.200	36.91100	.16575	105.34000	855.84000	180.76000	9999.00000	.00000	.00000	1.78990
4.519	1.400	36.91500	.16576	105.41000	856.50000	181.58000	9999.00000	.00000	.00000	1.78800
4.512	1.600	36.92900	.16581	105.55000	857.62000	182.43000	9999.00000	.00000	.00000	1.78520
4.508	1.800	36.92600	.16579	105.60000	858.04000	183.19000	9999.00000	.00000	.00000	1.78380
4.504	2.000	36.94800	.16580	105.67000	858.66000	184.00000	9999.00000	.00000	.00000	1.78200
4.503	2.200	36.94500	.16583	105.69000	858.81000	184.79000	9999.00000	.00000	.00000	1.78190
4.503	2.400	36.96400	.16581	105.68000	858.75000	185.55000	9999.00000	.00000	.00000	1.78190
4.502	2.543	36.95500	.16578	105.70000	858.96000	186.65000	9999.00000	.00000	.00000	1.78120
	GRADIENT	.04071	.00018	.22679	1.92858	4.30179	.00012	.00000	.00000	-.00366

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E122) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 37.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 5-DIR = 1.000

RUN NO. 2097/0 RN/L = 4.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOR	PCEIL	RN
4.636	-4.900	36.67000	.16953	105.18000	853.95000	151.17000	9999.00000	.00000	.00000	1.83430
4.630	-4.700	36.68200	.16953	105.26000	854.67000	152.72000	9999.00000	.00000	.00000	1.83200
4.617	-4.500	36.68600	.16918	105.31000	855.11000	153.78000	9999.00000	.00000	.00000	1.82690
4.608	-4.300	36.69000	.16887	105.33000	855.24000	154.88000	9999.00000	.00000	.00000	1.82330
4.598	-4.100	36.69000	.16846	105.30000	855.06000	155.96000	9999.00000	.00000	.00000	1.81950
4.590	-3.900	36.70400	.16813	105.29000	855.00000	157.04000	9999.00000	.00000	.00000	1.81620
4.586	-3.700	36.70700	.16788	105.26000	854.73000	158.17000	9999.00000	.00000	.00000	1.81440
4.582	-3.500	36.72100	.16757	105.19000	854.22000	159.25000	9999.00000	.00000	.00000	1.81280
4.572	-3.300	36.71600	.16718	105.17000	854.07000	160.28000	9999.00000	.00000	.00000	1.80910
4.558	-3.100	36.73600	.16688	105.26000	854.79000	161.30000	9999.00000	.00000	.00000	1.80360
4.552	-2.900	36.73000	.16676	105.30000	855.18000	162.37000	9999.00000	.00000	.00000	1.80130
4.558	-2.700	36.75200	.16667	105.19000	854.26000	163.33000	9999.00000	.00000	.00000	1.80330
4.559	-2.500	36.75000	.16669	105.17000	854.11000	164.38000	9999.00000	.00000	.00000	1.80400
4.549	-2.300	36.76700	.16646	105.22000	854.58000	165.32000	9999.00000	.00000	.00000	1.80010
4.544	-2.100	36.76600	.16635	105.26000	854.95000	166.31000	9999.00000	.00000	.00000	1.79790
4.540	-1.900	36.78000	.16620	105.26000	854.93000	167.26000	9999.00000	.00000	.00000	1.79640
4.540	-1.700	36.78000	.16596	105.16000	854.11000	168.30000	9999.00000	.00000	.00000	1.79650
4.537	-1.500	36.79000	.16558	105.05000	853.26000	169.19000	9999.00000	.00000	.00000	1.79510
4.523	-1.300	36.79500	.16547	105.21000	854.62000	170.15000	9999.00000	.00000	.00000	1.78970
4.525	-1.100	36.80400	.16548	105.19000	854.42000	170.94000	9999.00000	.00000	.00000	1.79050
4.534	-.900	36.81700	.16548	105.06000	853.37000	171.84000	9999.00000	.00000	.00000	1.79400
4.526	-.700	36.82100	.16554	105.20000	854.59000	172.76000	9999.00000	.00000	.00000	1.79080
4.519	-.500	36.83500	.16555	105.32000	855.56000	173.64000	9999.00000	.00000	.00000	1.78800
4.514	-.300	36.83800	.16555	105.39000	856.16000	174.50000	9999.00000	.00000	.00000	1.78620
4.516	-.100	36.85400	.16563	105.40000	856.23000	175.39000	9999.00000	.00000	.00000	1.78690
4.518	.100	36.85200	.16575	105.42000	856.45000	176.25000	9999.00000	.00000	.00000	1.78760
4.514	.300	36.87000	.16574	105.47000	856.88000	177.09000	9999.00000	.00000	.00000	1.78620
4.508	.500	36.86900	.16573	105.56000	857.61000	177.96000	9999.00000	.00000	.00000	1.78390
4.507	.700	36.88900	.16568	105.57000	857.70000	178.74000	9999.00000	.00000	.00000	1.78320
4.511	.900	36.89100	.16571	105.53000	857.36000	179.59000	9999.00000	.00000	.00000	1.78470
4.521	1.100	36.91300	.16576	105.39000	856.25000	180.36000	9999.00000	.00000	.00000	1.78870
4.525	1.300	36.90900	.16575	105.33000	855.77000	181.21000	9999.00000	.00000	.00000	1.79030
4.514	1.500	36.92600	.16577	105.50000	857.18000	181.99000	9999.00000	.00000	.00000	1.78610
4.511	1.700	36.92700	.16584	105.58000	857.86000	182.83000	9999.00000	.00000	.00000	1.78480
4.505	1.900	36.94500	.16575	105.62000	858.25000	183.55000	9999.00000	.00000	.00000	1.78270
4.503	2.100	36.94400	.16581	105.69000	858.80000	184.41000	9999.00000	.00000	.00000	1.78180
4.504	2.300	36.95600	.16580	105.66000	858.61000	185.15000	9999.00000	.00000	.00000	1.78230
4.502	2.500	36.95900	.16580	105.71000	858.97000	186.01000	9999.00000	.00000	.00000	1.78130
	GRADIENT	.03771	.00023	.20857	1.80429	4.31857	.00000	.00000	.00000	-.00283

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E023) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XD
 LREF = 474.8100 INCHES YMRP = .0000 IN. YD
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZD
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 98/ O RN/L = 4.39 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.437	-5.064	39.00700	.16416	105.95000	859.14000	174.40000	9999.00000	.00000	.00000	1.75550
4.429	-4.900	39.01100	.16426	106.12000	860.57000	177.07000	9999.00000	.00000	.00000	1.75240
4.430	-4.700	39.02200	.16427	106.11000	860.51000	177.93000	9999.00000	.00000	.00000	1.75280
4.449	-4.500	39.02200	.16427	105.80000	858.00000	178.75000	9999.00000	.00000	.00000	1.76050
4.451	-4.300	39.03600	.16426	105.76000	857.73000	179.51000	9999.00000	.00000	.00000	1.76130
4.448	-4.100	39.03700	.16432	105.85000	858.47000	180.33000	9999.00000	.00000	.00000	1.75980
4.436	-3.900	39.05400	.16431	106.03000	859.91000	181.19000	9999.00000	.00000	.00000	1.75530
4.432	-3.700	39.05700	.16435	106.11000	860.63000	182.00000	9999.00000	.00000	.00000	1.75360
4.431	-3.500	39.07400	.16434	106.13000	860.75000	182.85000	9999.00000	.00000	.00000	1.75310
4.432	-3.300	39.07000	.16453	106.19000	861.24000	183.68000	9999.00000	.00000	.00000	1.75370
4.436	-3.100	39.09200	.16444	106.09000	860.48000	184.47000	9999.00000	.00000	.00000	1.75510
4.437	-2.900	39.09000	.16448	106.08000	860.42000	185.34000	9999.00000	.00000	.00000	1.75580
4.431	-2.700	39.11100	.16442	106.16000	861.05000	186.11000	9999.00000	.00000	.00000	1.75320
4.419	-2.500	39.10300	.16418	106.26000	861.88000	186.95000	9999.00000	.00000	.00000	1.74830
4.407	-2.300	39.12400	.16381	106.28000	862.10000	187.76000	9999.00000	.00000	.00000	1.74370
4.398	-2.100	39.11600	.16350	106.30000	862.25000	188.53000	9999.00000	.00000	.00000	1.74010
4.396	-1.900	39.13600	.16328	106.24000	861.73000	189.24000	9999.00000	.00000	.00000	1.73930
4.396	-1.700	39.13800	.16319	106.19000	861.37000	190.09000	9999.00000	.00000	.00000	1.73950
4.384	-1.500	39.15200	.16292	106.28000	862.10000	190.80000	9999.00000	.00000	.00000	1.73450
4.377	-1.300	39.15200	.16282	106.35000	862.68000	191.60000	9999.00000	.00000	.00000	1.73170
4.366	-1.100	39.16600	.16250	106.38000	862.95000	192.32000	9999.00000	.00000	.00000	1.72760
4.359	-.900	39.16600	.16237	106.44000	863.50000	193.09000	9999.00000	.00000	.00000	1.72460
4.355	-.700	39.18300	.16216	106.42000	863.29000	193.80000	9999.00000	.00000	.00000	1.72300
4.355	-.500	39.18400	.16217	106.41000	863.25000	194.56000	9999.00000	.00000	.00000	1.72330
4.351	-.300	39.19800	.16207	106.44000	863.54000	195.22000	9999.00000	.00000	.00000	1.72150
4.361	-.100	39.20100	.16213	106.30000	862.42000	195.99000	9999.00000	.00000	.00000	1.72550
4.358	.100	39.21700	.16209	106.33000	862.65000	196.67000	9999.00000	.00000	.00000	1.72440
4.352	.300	39.22000	.16206	106.43000	863.43000	197.39000	9999.00000	.00000	.00000	1.72180
4.354	.500	39.23500	.16204	106.38000	863.10000	198.07000	9999.00000	.00000	.00000	1.72260
4.366	.700	39.23600	.16215	106.23000	861.86000	198.78000	9999.00000	.00000	.00000	1.72760
4.359	.900	39.25100	.16201	106.28000	862.30000	199.46000	9999.00000	.00000	.00000	1.72490
4.352	1.100	39.25600	.16199	106.40000	863.28000	200.17000	9999.00000	.00000	.00000	1.72180
4.339	1.300	39.26600	.16189	106.57000	864.65000	200.83000	9999.00000	.00000	.00000	1.71670
4.336	1.500	39.27400	.16187	106.60000	864.97000	201.55000	9999.00000	.00000	.00000	1.71560
4.338	1.700	39.28900	.16185	106.56000	864.64000	202.16000	9999.00000	.00000	.00000	1.71640
4.343	1.900	39.29000	.16187	106.49000	864.04000	202.81000	9999.00000	.00000	.00000	1.71850
4.344	2.100	39.30200	.16177	106.43000	863.62000	203.39000	9999.00000	.00000	.00000	1.71880
4.335	2.300	39.31000	.16181	106.59000	864.89000	204.08000	9999.00000	.00000	.00000	1.71540
4.329	2.500	39.31900	.16175	106.67000	865.55000	204.82000	9999.00000	.00000	.00000	1.71290
	GRADIENT	.04814	-.00010	-.02143	-.12142	3.53429	.00000	.00000	.00000	-.00053

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7E123) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2098/ O RN/L = 4.39 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.431	-5.000	39.00000	.16427	106.09000	860.34000	176.63000	9999.00000	.00000	.00000	1.75320
4.427	-4.800	39.01700	.16422	106.13000	860.71000	177.50000	9999.00000	.00000	.00000	1.75160
4.441	-4.600	39.01800	.16433	105.95000	859.28000	178.35000	9999.00000	.00000	.00000	1.75720
4.453	-4.400	39.03500	.16422	105.73000	857.44000	179.14000	9999.00000	.00000	.00000	1.76180
4.451	-4.200	39.03200	.16431	105.79000	857.98000	179.96000	9999.00000	.00000	.00000	1.76120
4.441	-4.000	39.05100	.16429	105.94000	859.17000	180.71000	9999.00000	.00000	.00000	1.75730
4.434	-3.800	39.05300	.16438	106.09000	860.43000	181.63000	9999.00000	.00000	.00000	1.75440
4.430	-3.600	39.06800	.16432	106.12000	860.71000	182.39000	9999.00000	.00000	.00000	1.75300
4.431	-3.400	39.07000	.16444	106.16000	860.99000	183.27000	9999.00000	.00000	.00000	1.75340
4.433	-3.200	39.08500	.16448	106.16000	861.01000	184.09000	9999.00000	.00000	.00000	1.75400
4.440	-3.000	39.09000	.16448	106.05000	860.14000	184.92000	9999.00000	.00000	.00000	1.75660
4.435	-2.800	39.10200	.16445	106.11000	860.70000	185.70000	9999.00000	.00000	.00000	1.75470
4.425	-2.600	39.10700	.16434	106.22000	861.58000	186.54000	9999.00000	.00000	.00000	1.75080
4.412	-2.400	39.11800	.16396	106.26000	861.90000	187.33000	9999.00000	.00000	.00000	1.74590
4.401	-2.200	39.12200	.16364	106.31000	862.28000	188.15000	9999.00000	.00000	.00000	1.74130
4.397	-2.000	39.12500	.16337	106.26000	861.95000	188.86000	9999.00000	.00000	.00000	1.73960
4.398	-1.800	39.13600	.16326	106.20000	861.43000	189.66000	9999.00000	.00000	.00000	1.74000
4.388	-1.600	39.14500	.16301	106.24000	861.78000	190.39000	9999.00000	.00000	.00000	1.73630
4.380	-1.400	39.15500	.16289	106.32000	862.42000	191.24000	9999.00000	.00000	.00000	1.73320
4.371	-1.200	39.15600	.16267	106.36000	862.83000	191.94000	9999.00000	.00000	.00000	1.72960
4.362	-1.000	39.16800	.16244	106.42000	863.27000	192.69000	9999.00000	.00000	.00000	1.72600
4.356	-.800	39.17300	.16227	106.45000	863.51000	193.43000	9999.00000	.00000	.00000	1.72350
4.355	-.600	39.18500	.16212	106.38000	863.04000	194.17000	9999.00000	.00000	.00000	1.72330
4.354	-.400	39.18500	.16215	106.42000	863.31000	194.88000	9999.00000	.00000	.00000	1.72290
4.352	-.200	39.20200	.16207	106.43000	863.41000	195.62000	9999.00000	.00000	.00000	1.72190
4.363	.000	39.20600	.16209	106.25000	862.02000	196.33000	9999.00000	.00000	.00000	1.72630
4.353	.200	39.21900	.16204	106.40000	863.19000	197.03000	9999.00000	.00000	.00000	1.72230
4.353	.400	39.22300	.16208	106.41000	863.32000	197.76000	9999.00000	.00000	.00000	1.72240
4.360	.600	39.23900	.16208	106.29000	862.37000	198.39000	9999.00000	.00000	.00000	1.72530
4.366	.800	39.24100	.16212	106.22000	861.78000	199.12000	9999.00000	.00000	.00000	1.72760
4.354	1.000	39.26300	.16197	106.34000	862.80000	199.81000	9999.00000	.00000	.00000	1.72290
4.344	1.200	39.25400	.16193	106.50000	864.08000	200.48000	9999.00000	.00000	.00000	1.71880
4.338	1.400	39.27400	.16189	106.58000	864.77000	201.22000	9999.00000	.00000	.00000	1.71630
4.337	1.600	39.27500	.16186	106.58000	864.78000	201.86000	9999.00000	.00000	.00000	1.71600
4.338	1.800	39.29700	.16186	106.56000	864.62000	202.49000	9999.00000	.00000	.00000	1.71660
4.347	2.000	39.29100	.16183	106.41000	863.41000	203.13000	9999.00000	.00000	.00000	1.72000
4.340	2.200	39.31300	.16178	106.50000	864.18000	203.72000	9999.00000	.00000	.00000	1.71720
4.332	2.400	39.30800	.16183	106.65000	865.42000	204.39000	9999.00000	.00000	.00000	1.71410
4.333	2.528	39.32000	.16177	106.60000	865.03000	205.24000	9999.00000	.00000	.00000	1.71460
	GRADIENT	.04554	-.00005	-.05714	-.39465	3.54107	.00012	.00000	.00000	.00096

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E024) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 IS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 68/ 0 RN/L = 4.45 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.358	-.229	-.00446	.16208	106.35000	863.28000	.00000	9999.00000	.00000	.00000	1.72430
4.587	-.115	-.00882	.17035	106.04000	856.04000	.00000	9999.00000	.00000	.00000	1.81480
4.387	-.104	-.00010	.16387	106.44000	859.11000	.00000	9999.00000	.00000	.00000	1.73580
4.352	4.117	-.00556	.16216	106.47000	863.93000	.00000	9999.00000	.00000	.00000	1.72210
4.364	8.410	.00330	.16226	106.31000	862.47000	.00000	9999.00000	.00000	.00000	1.72670
4.365	10.981	-.00330	.16268	106.46000	863.45000	.00000	9999.00000	.00000	.00000	1.72730
4.360	13.943	.00374	.16272	106.56000	864.05000	.00000	9999.00000	.00000	.00000	1.72500
4.373	15.487	-.00472	.16296	106.44000	862.84000	.00000	9999.00000	.00000	.00000	1.73020
4.384	17.349	-.00727	.16318	106.35000	861.90000	.00000	9999.00000	.00000	.00000	1.73460
4.394	19.456	-.00988	.16416	106.59000	863.65000	.00000	9999.00000	.00000	.00000	1.73870
4.422	21.242	.00015	.16469	106.36000	861.50000	.00000	9999.00000	.00000	.00000	1.74980
4.458	23.080	-.00722	.16520	106.00000	858.41000	.00000	9999.00000	.00000	.00000	1.76390
4.462	24.812	-.00805	.16527	105.96000	857.84000	.00000	9999.00000	.00000	.00000	1.76550
4.493	26.445	-.00653	.16679	106.10000	858.82000	.00000	9999.00000	.00000	.00000	1.77780
4.544	27.964	-.00915	.16915	106.29000	860.13000	.00000	9999.00000	.00000	.00000	1.79800
4.532	29.466	-.00496	.16898	106.39000	860.73000	.00000	9999.00000	.00000	.00000	1.79330
4.539	30.848	-.00541	.16823	105.96000	856.98000	.00000	9999.00000	.00000	.00000	1.79610
4.540	32.346	-.00299	.16749	105.62000	854.04000	.00000	9999.00000	.00000	.00000	1.79650
4.537	34.164	.00469	.16647	105.23000	850.65000	.00000	9999.00000	.00000	.00000	1.79520
4.510	36.591	-.00084	.16531	105.16000	849.87000	.00000	9999.00000	.00000	.00000	1.78430
4.497	39.111	.00897	.16480	105.12000	849.34000	.00000	9999.00000	.00000	.00000	1.77940
	GRADIENT	-.00048	.00004	-.02307	-.32879	.00000	.00260	.00000	.00000	.00092

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E025) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 129/ O RN/L = 2.23 GRADIENT INTERVAL = 23.00/ 25.00

RUN NO. 121/ O RN/L = 4.43 GRADIENT INTERVAL = 23.00/ 25.00

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E025) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	.1076	.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=		.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO	
SCALE	=	.0100							

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 123/ O RN/L = 7.51 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7EO26) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 184/ 0 RN/L = 4.43 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOR	PCEIL	RN
4.417	14.352	-.01189	.16557	106.88000	866.90000	155.66000	246.70000	.41516	.17258	1.74770
4.419	14.366	-.01254	.16576	106.92000	867.02000	158.11000	240.08000	.41701	.19069	1.74840
4.446	14.637	-.00125	.16618	106.51000	860.29000	73.34100	168.91000	.41498	.17120	1.75910
4.406	14.859	-.01324	.16547	107.00000	867.54000	159.63000	235.66000	.41768	.19028	1.74330
4.388	15.380	-.01240	.16499	107.07000	868.07000	160.60000	232.74000	.41965	.18974	1.73640
4.391	15.767	-.01107	.16478	106.94000	866.90000	161.87000	230.31000	.41959	.18926	1.73730
4.365	16.277	-.01338	.16374	106.91000	866.53000	163.14000	227.39000	.42304	.18843	1.72710
4.362	16.613	-.01248	.16318	106.70000	864.79000	164.45000	224.85000	.42612	.18855	1.72600
4.357	17.157	-.01184	.16327	106.83000	865.72000	165.46000	222.15000	.43036	.18861	1.72390
4.365	17.540	-.00710	.16340	106.74000	864.91000	166.60000	219.17000	.43424	.18891	1.72720
4.375	17.861	-.01085	.16355	106.64000	863.97000	167.40000	216.46000	.43492	.18914	1.73120
4.373	18.308	-.01268	.16350	106.64000	863.93000	167.70000	213.92000	.43855	.18926	1.73040
4.390	18.873	-.01269	.16369	106.45000	862.31000	167.45000	211.61000	.44132	.18926	1.73700
4.405	19.311	-.00683	.16339	106.08000	859.19000	166.85000	209.84000	.44163	.18962	1.74280
4.382	19.815	-.01479	.16345	106.46000	862.19000	165.92000	208.46000	.44544	.19057	1.73390
4.406	20.294	-.00587	.16413	106.37000	861.34000	164.78000	206.81000	.45221	.19242	1.74340
4.450	20.696	-.00706	.16622	106.55000	862.76000	163.56000	205.21000	.46120	.19379	1.76090
4.480	21.109	-.00723	.16754	106.63000	863.32000	162.16000	203.27000	.46594	.19379	1.77280
4.499	21.607	-.00140	.16743	106.29000	860.40000	160.43000	200.57000	.46865	.19379	1.78020
4.483	22.067	-.00185	.16751	106.57000	862.63000	158.66000	198.03000	.47400	.19409	1.77370
4.469	22.363	-.00718	.16746	106.77000	864.14000	156.80000	195.77000	.47689	.19379	1.76820
4.451	22.696	-.00799	.16702	106.86000	864.74000	152.87000	191.69000	.47573	.19332	1.76100
4.459	23.162	-.00730	.16676	106.61000	862.63000	150.88000	189.98000	.48096	.19272	1.76440
4.443	23.720	-.00247	.16615	106.61000	862.51000	148.05000	189.33000	.48077	.19272	1.75790
4.454	24.003	-.00753	.16602	106.37000	860.46000	145.34000	186.64000	.47997	.19236	1.76250
4.433	24.481	-.00860	.16561	106.53000	861.66000	141.84000	182.86000	.48668	.19218	1.75400
4.411	24.879	-.00786	.16533	106.76000	863.41000	138.33000	179.45000	.48656	.19242	1.74530
4.399	25.248	-.00068	.16486	106.74000	863.16000	134.61000	176.05000	.48816	.19278	1.74070
4.442	25.779	-.00567	.16589	106.49000	861.05000	130.00000	172.81000	.49542	.19498	1.75750
4.493	26.239	-.00159	.16798	106.56000	861.54000	125.27000	171.00000	.50392	.19642	1.77780
4.498	27.025	-.00176	.16914	106.96000	864.66000	119.39000	169.52000	.50256	.19642	1.77990
4.476	27.507	-.00265	.16856	107.07000	865.47000	112.93000	168.64000	.50219	.19594	1.77090
4.478	28.261	-.00324	.16825	106.90000	863.93000	105.07000	168.47000	.50207	.19516	1.77190
4.463	29.067	-.00370	.16798	107.02000	864.87000	100.21000	168.31000	.50133	.19516	1.76590
4.445	29.414	-.00487	.16762	107.15000	865.88000	94.24900	168.47000	.49887	.19433	1.75870
GRADIENT	-.00147	-.00082	.05707	.20758	-7.41020	-6.45835	.00408	-.00026	-.01022	

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E027) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 186/ 0 RN/L = 4.46 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.428	24.101	-.02414	.16527	106.57000	864.46000	204.05000	206.48000	.48496	.19010	1.75210
4.436	24.420	-.00686	.16679	108.44000	876.88000	94.63000	158.87000	.48434	.16758	1.71960
4.442	24.776	-.02295	.16581	106.58000	864.34000	202.82000	201.01000	.48637	.19004	1.75750
4.453	25.548	-.02136	.16577	106.38000	862.63000	202.25000	199.30000	.49271	.19010	1.76190
4.446	26.438	-.01482	.16570	106.45000	863.16000	201.39000	198.25000	.49733	.19028	1.75920
4.449	27.310	-.01564	.16597	106.52000	863.65000	200.20000	197.87000	.49850	.19081	1.76030
4.452	28.162	-.02054	.16604	106.49000	863.28000	198.97000	197.70000	.49961	.19099	1.76170
4.461	28.941	-.02095	.16616	106.40000	862.47000	197.37000	196.93000	.49776	.19111	1.76500
4.465	29.304	-.02190	.16608	106.30000	861.54000	195.85000	196.16000	.49881	.19129	1.76680
4.472	29.462	-.02259	.16628	106.27000	861.21000	194.11000	195.44000	.49634	.19141	1.76950
4.486	30.234	-.01606	.16643	106.11000	859.80000	192.34000	194.78000	.50422	.19159	1.77500
4.483	30.811	-.01968	.16638	106.13000	859.93000	190.65000	192.52000	.50231	.19153	1.77370
4.496	31.540	-.02001	.16632	105.89000	857.88000	188.32000	189.50000	.50718	.19153	1.77900
4.495	32.286	-.02073	.16637	105.94000	858.13000	185.66000	185.71000	.50773	.19141	1.77840
4.475	33.025	-.01339	.16593	106.04000	858.90000	182.58000	184.06000	.51032	.19093	1.77080
4.468	33.666	-.01470	.16586	106.13000	859.48000	179.11000	183.13000	.51032	.19057	1.76780
4.465	34.507	-.01305	.16555	106.04000	858.62000	175.52000	182.14000	.51087	.19093	1.76670
4.443	35.056	-.01277	.16505	106.16000	859.52000	171.42000	180.99000	.51764	.19034	1.75810
4.420	35.504	-.00458	.16485	106.44000	861.70000	167.45000	179.84000	.51752	.19046	1.74900
4.432	36.158	-.01076	.16491	106.28000	860.25000	162.16000	178.36000	.52761	.19224	1.75360
4.462	36.486	-.01125	.16595	106.24000	859.84000	158.49000	177.26000	1.74760	.19349	1.76560
4.482	36.856	-.01040	.16728	106.47000	861.66000	153.84000	176.00000	.54678	.19481	1.77360
4.541	37.256	-.00943	.16919	106.35000	860.65000	148.51000	174.57000	.55791	.19624	1.79670
4.539	37.682	-.00873	.17042	106.90000	864.99000	143.27000	173.03000	.56388	.19594	1.79580
4.511	38.055	-.01004	.16987	107.10000	866.49000	136.98000	171.22000	.57620	.19534	1.78500
4.477	38.726	-.00546	.16945	107.47000	869.41000	129.71000	168.91000	.57481	.19469	1.77130
4.459	39.195	-.00208	.16894	107.52000	869.74000	119.99000	165.13000	.56964	.19218	1.76450
	GRADIENT	.00087	.00073	-.08601	-.85368	4.06424	-5.66809	.00216	.00113	.00989

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7EO28) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 308/O RN/L = 7.31 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7EO29) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	3.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 310/ O RN/L = 7.53 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E030) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = 5.000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 312/ 0 RN/L = 7.58 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.545	14.386	-.04272	.27533	105.25000	859.39000	9999.00000	236.55000	.69712	.32003	2.98540
7.576	14.430	-.04364	.27615	105.19000	859.23000	9999.00000	244.33000	.69971	.29201	2.99750
7.479	14.703	-.01135	.27555	105.70000	858.21000	9999.00000	173.20000	.68758	.28677	2.95920
7.533	16.150	-.04378	.27517	105.30000	859.56000	9999.00000	226.01000	.71442	.31967	2.98080
7.562	17.459	-.04338	.27473	104.91000	856.21000	9999.00000	221.76000	.72913	.31937	2.99220
7.522	18.619	-.04102	.27461	105.25000	858.74000	9999.00000	218.17000	.74523	.31901	2.97640
7.532	19.243	-.04165	.27437	105.09000	857.27000	9999.00000	215.58000	.75338	.32056	2.98030
7.546	20.529	-.04075	.27603	105.38000	859.43000	9999.00000	212.71000	.77067	.32044	2.98560
7.527	21.787	-.03926	.27538	105.37000	859.23000	9999.00000	208.63000	.78041	.31979	2.97830
7.514	23.094	-.03748	.27471	105.32000	858.58000	9999.00000	202.78000	.79174	.31919	2.97310
7.552	24.410	-.03717	.27617	105.33000	858.49000	9999.00000	198.47000	.81023	.32134	2.98800
7.557	25.713	-.03651	.27714	105.51000	859.80000	9999.00000	196.05000	.83229	.32110	2.99030
7.560	26.702	-.01857	.27680	105.39000	858.66000	9999.00000	193.78000	.84680	.32122	2.99130
7.545	28.023	-.00494	.27563	105.23000	857.11000	9999.00000	191.47000	.84899	.32020	2.98530
7.570	29.939	-.02835	.27587	105.04000	855.22000	9999.00000	190.54000	.84223	.32092	2.99520
7.610	31.533	-.02430	.27656	104.84000	853.39000	9999.00000	188.62000	.85118	.32092	3.01110
7.615	32.927	-.02307	.27677	104.83000	853.10000	9999.00000	184.39000	.85177	.32163	3.01320
7.677	34.346	-.02143	.27897	104.82000	852.81000	9999.00000	181.38000	.85972	.32289	3.03740
7.686	35.445	-.02157	.27929	104.81000	852.53000	9999.00000	179.62000	.86072	.32348	3.04100
7.719	36.294	-.01988	.28001	104.68000	851.30000	9999.00000	178.14000	.86569	.32354	3.05410
7.700	37.522	-.01061	.27938	104.67000	851.06000	9999.00000	177.59000	.89471	.32295	3.04680
7.673	39.032	-.01012	.27844	104.68000	850.89000	9999.00000	177.70000	.93089	.32217	3.03620
	GRADIENT	.00024	.00111	.00761	-.06823	.00000	-3.27514	.01405	.00163	.01132

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E031) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 131/ 0 RN/L = 2.34 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.311	-.458	-.43948	.10071	118.06000	955.21000	121.00000	9999.00000	.11326	.00000	.91446
2.303	14.440	-.39569	.10065	118.24000	955.94000	119.69000	9999.00000	.25950	.00000	.91142
2.303	15.544	-.39080	.10058	118.18000	955.01000	118.93000	9999.00000	.26276	.00000	.91124
2.308	16.608	-.38980	.10065	118.06000	953.87000	118.59000	9999.00000	.26633	.00000	.91313
2.310	17.229	-.38591	.10085	118.12000	954.20000	118.08000	9999.00000	.26953	.00000	.91410
2.329	18.323	-.39197	.10082	117.46000	948.68000	117.79000	9999.00000	.27181	.00000	.92144
2.337	19.199	-.39211	.10076	117.12000	945.71000	117.28000	9999.00000	.27427	.00000	.92483
2.340	20.090	-.39387	.10084	117.09000	945.27000	116.86000	9999.00000	.27821	.00000	.92577
2.354	21.227	-.38086	.10151	117.12000	945.31000	116.27000	9999.00000	.28652	.00000	.93148
2.385	22.542	-.38486	.10315	117.34000	946.89000	115.59000	9999.00000	.29415	.00000	.94378
2.393	23.314	-.38648	.10322	117.12000	944.98000	114.92000	9999.00000	.29538	.00000	.94704
2.378	24.166	-.38628	.10301	117.44000	947.34000	113.77000	9999.00000	.29692	.00000	.94110
2.374	25.151	-.38509	.10284	117.44000	946.97000	111.75000	9999.00000	.29908	.00000	.93937
2.349	26.289	-.37764	.10268	118.14000	952.49000	110.05000	9999.00000	.29969	.00000	.92936
2.341	27.862	-.38634	.10241	118.20000	952.73000	107.48000	9999.00000	.29945	.00000	.92611
2.329	28.473	-.38657	.10230	118.49000	954.89000	105.45000	9999.00000	.29846	.00000	.92169
2.326	29.354	-.38733	.10209	118.45000	954.36000	102.91000	9999.00000	.29581	.00000	.92017
2.293	29.436	-.39861	.10053	118.32000	953.02000	97.75700	9999.00000	.29255	.00000	.90742
	GRADIENT	.00024	-.00025	.37567	2.77126	-1.34964	.01076	.00181	.00000	-.00697

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7EO31) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 187/ O RN/L = 4.50 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.475	14.192	-.52191	.16472	105.62000	857.27000	147.16000	237.65000	.41313	.17234	1.77050
4.485	14.271	-.52408	.16493	105.55000	856.49000	149.48000	229.87000	.41418	.18968	1.77450
4.467	14.461	-.52249	.16455	105.66000	857.39000	150.41000	226.12000	.41713	.18879	1.76730
4.473	14.600	-.50886	.16449	105.44000	853.51000	78.38000	175.12000	.41485	.16738	1.76990
4.431	14.927	-.52392	.16305	105.58000	856.61000	151.77000	221.21000	.41442	.18771	1.75330
4.411	15.528	-.51678	.16191	105.41000	855.14000	152.95000	217.79000	.42107	.18926	1.74530
4.466	16.143	-.52342	.16392	105.40000	855.02000	154.18000	215.36000	.42784	.19028	1.76710
4.496	16.786	-.52285	.16478	105.28000	854.00000	155.53000	211.99000	.43326	.19034	1.77910
4.492	17.451	-.52373	.16475	105.33000	854.33000	156.50000	210.06000	.43510	.19010	1.77750
4.476	18.304	-.52325	.16472	105.57000	856.17000	157.13000	208.08000	.44163	.19016	1.77120
4.492	19.000	-.51703	.16495	105.42000	854.90000	157.01000	205.70000	.44390	.19022	1.77730
4.496	19.817	-.52522	.16497	105.35000	854.24000	154.85000	200.57000	.45061	.19063	1.77900
4.502	20.372	-.52578	.16493	105.24000	853.22000	153.54000	198.14000	.45295	.19075	1.78140
4.489	20.908	-.52508	.16486	105.42000	854.61000	151.81000	196.05000	.45664	.19046	1.77610
4.481	21.408	-.52464	.16468	105.46000	854.86000	149.91000	194.17000	.46181	.19034	1.77300
4.480	21.972	-.52501	.16470	105.47000	854.86000	147.63000	192.46000	.46680	.19010	1.77280
4.471	22.512	-.52088	.16436	105.48000	854.86000	145.17000	190.69000	.46809	.19010	1.76890
4.463	23.047	-.52078	.16404	105.46000	854.65000	142.34000	190.16000	.47382	.19004	1.76570
4.478	23.672	-.52066	.16396	105.17000	852.24000	138.96000	187.03000	.47665	.19063	1.77200
4.512	24.320	-.51954	.16486	105.04000	851.06000	135.12000	183.08000	.48496	.19212	1.78510
4.525	25.028	-.51889	.16595	105.28000	852.94000	130.76000	179.07000	.49167	.19487	1.79050
4.592	25.799	-.51682	.16857	105.34000	853.39000	126.75000	176.38000	.50441	.19516	1.81710
4.573	26.568	-.51281	.16824	105.50000	854.53000	121.59000	174.62000	.50158	.19439	1.80960
4.562	27.238	-.51201	.16742	105.32000	853.06000	115.68000	173.58000	.50250	.19397	1.80500
4.557	27.996	-.50792	.16690	105.18000	851.79000	108.58000	172.92000	.50219	.19355	1.80300
4.544	28.712	-.50682	.16649	105.20000	851.87000	100.84000	173.20000	.50195	.19284	1.79800
4.515	29.110	-.51316	.16584	105.38000	853.22000	91.79800	174.79000	.49807	.19081	1.78630
	GRADIENT	.00098	.00065	-.32920	-2.81436	-5.67331	-5.56505	.00878	.00164	.01527

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OA257 (LARC 20-M6-6559) OV102

(T7E031) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 124/ 0 RN/L = 7.51 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.502	14.080	-.45408	.27449	105.46000	861.62000	188.66000	9999.00000	.69851	.00000	2.96850
7.529	14.423	-.46614	.27603	105.50000	859.68000	84.25800	1.39330	.69613	.00000	2.97900
7.550	14.435	-.45862	.27664	105.45000	859.19000	80.54500	18.09600	.70110	.00000	2.98730
7.460	15.288	-.44030	.27333	105.55000	862.19000	189.38000	9999.00000	.70428	.00000	2.95160
7.467	16.239	-.43667	.27393	105.63000	862.76000	189.55000	9999.00000	.71700	.00000	2.95450
7.469	16.982	-.44224	.27384	105.59000	862.31000	189.42000	9999.00000	.72992	.00000	2.95520
7.483	17.926	-.44206	.27399	105.49000	861.42000	189.00000	9999.00000	.73608	.00000	2.96070
7.497	18.552	-.43566	.27466	105.53000	861.62000	187.73000	9999.00000	.73489	.00000	2.96620
7.534	19.554	-.44246	.27613	105.55000	861.66000	186.04000	9999.00000	.75039	.00000	2.98110
7.562	20.750	-.44270	.27663	105.41000	860.46000	183.55000	9999.00000	.76570	.00000	2.99200
7.503	21.513	-.43602	.27547	105.66000	862.39000	181.56000	9999.00000	.77763	.00000	2.96890
7.493	22.365	-.43962	.27481	105.59000	861.70000	178.14000	9999.00000	.78876	.00000	2.96460
7.509	23.438	-.44025	.27479	105.42000	860.21000	175.01000	9999.00000	.80327	.00000	2.97130
7.535	24.509	-.44062	.27608	105.50000	860.81000	171.67000	9999.00000	.82037	.00000	2.98160
7.528	25.294	-.43333	.27662	105.71000	862.39000	166.98000	9999.00000	.82633	.00000	2.97850
7.485	26.062	-.44022	.27495	105.67000	862.03000	162.37000	9999.00000	.84104	.00000	2.96180
7.475	26.754	-.43312	.27397	105.51000	860.65000	157.56000	9999.00000	.84183	.00000	2.95770
7.546	27.806	-.43036	.27654	105.50000	860.42000	149.99000	9999.00000	.85873	.00000	2.98580
7.592	29.026	-.42054	.27859	105.59000	861.05000	143.06000	9999.00000	.86549	.00000	3.00410
	GRADIENT	-.00035	.00120	.07471	.56021	-3.11861	.00000	.01597	.00000	.00961

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E032) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 132/ 0 RN/L = 2.28 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.250	24.157	-.42705	.09856	118.48000	958.86000	142.98000	9999.00000	.28677	.00000	.89029
2.264	24.168	-.42818	.09848	117.94000	954.97000	143.40000	9999.00000	.28763	.00000	.89599
2.268	24.855	-.47724	.09861	117.88000	953.67000	143.10000	9999.00000	.28855	.00000	.89727
2.262	25.623	-.47776	.09870	118.16000	955.74000	143.10000	9999.00000	.29015	.00000	.89488
2.265	26.549	-.47102	.09879	118.09000	955.05000	143.02000	9999.00000	.29144	.00000	.89636
2.260	27.509	-.47664	.09879	118.27000	956.31000	142.60000	9999.00000	.29015	.00000	.89424
2.269	28.452	-.47480	.09889	118.04000	954.32000	142.13000	9999.00000	.29046	.00000	.89765
2.275	29.371	-.47288	.09887	117.81000	952.25000	141.24000	9999.00000	.29046	.00000	.90009
2.259	30.489	-.47251	.09793	117.60000	950.38000	139.76000	9999.00000	.28984	.00000	.89367
2.255	31.601	-.46645	.09802	117.80000	951.80000	138.12000	9999.00000	.29218	.00000	.89220
2.297	32.865	-.46581	.10028	118.14000	954.40000	135.79000	9999.00000	.30172	.00000	.90867
2.314	33.892	-.46083	.10123	118.30000	955.45000	132.79000	9999.00000	.30585	.00000	.91541
2.282	35.023	-.46011	.09966	118.13000	953.99000	129.71000	9999.00000	.30794	.00000	.90305
2.267	36.074	-.44870	.09912	118.24000	954.68000	125.86000	9999.00000	.32130	.00000	.89686
2.307	36.911	-.45477	.09999	117.53000	948.76000	121.13000	9999.00000	.34130	.00000	.91291
2.313	37.968	-.44790	.10063	117.81000	950.91000	116.01000	9999.00000	.34118	.00000	.91527
2.304	39.393	-.42735	.10024	117.80000	950.54000	102.74000	9999.00000	.32567	.00000	.91168
	GRADIENT	-.07166	.00012	-.48530	-4.74971	-.12241	.00000	.00196	.00000	.00606

RUN NO. 125/ 0 RN/L = 7.48 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.375	23.807	-.50000	.27059	105.67000	863.61000	226.69000	9999.00000	.81142	.00000	2.91810
7.504	24.063	-.50000	.27613	105.81000	863.45000	118.59000	9999.00000	.82255	.00000	2.96900
7.446	24.162	-.50000	.27292	105.57000	862.35000	215.58000	9999.00000	.81520	.00000	2.94620
7.479	25.847	-.50000	.27402	105.54000	862.03000	214.06000	9999.00000	.84978	.00000	2.95940
7.491	27.620	-.50000	.27503	105.69000	863.16000	211.86000	9999.00000	.85793	.00000	2.96400
7.476	29.659	-.50000	.27421	105.62000	862.51000	208.59000	9999.00000	.84899	.00000	2.95790
7.529	31.407	-.50000	.27600	105.57000	862.11000	204.30000	9999.00000	.87761	.00000	2.97890
7.500	32.821	-.50000	.27508	105.61000	862.31000	199.35000	9999.00000	.86708	.00000	2.96750
7.503	34.383	-.50000	.27486	105.51000	861.46000	191.79000	9999.00000	.87364	.00000	2.96890
7.503	36.620	-.50000	.27466	105.46000	860.97000	184.22000	9999.00000	.90127	.00000	2.96880
7.477	37.763	-.50000	.27391	105.52000	861.38000	178.48000	9999.00000	.91896	.00000	2.95830
7.520	38.878	-.50000	.27519	105.44000	860.69000	168.63000	9999.00000	.95772	.00000	2.97530
	GRADIENT	.00000	.00958	-.11643	-2.95937	-109.37053	.00000	.01720	.00000	.10305

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E033) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 133/0 RN/L = 2.28 GRADIENT INTERVAL = 23.00/25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.265	14.468	.49092	.09953	118.74000	960.77000	118.68000	9999.00000	.25550	.00000	.89604
2.274	15.613	.54147	.09979	118.60000	959.67000	117.66000	9999.00000	.26233	.00000	.89986
2.271	16.809	.54255	.09973	118.66000	960.12000	117.32000	9999.00000	.26701	.00000	.89873
2.276	18.146	.54198	.09980	118.55000	959.27000	117.15000	9999.00000	.27156	.00000	.90053
2.276	18.882	.54160	.09983	118.58000	959.51000	116.90000	9999.00000	.27378	.00000	.90048
2.277	19.757	.54262	.09976	118.47000	958.62000	116.52000	9999.00000	.27753	.00000	.90104
2.271	20.686	.54173	.09968	118.62000	959.84000	116.18000	9999.00000	.28166	.00000	.89864
2.273	21.557	.54843	.09970	118.58000	959.47000	115.89000	9999.00000	.28480	.00000	.89935
2.277	22.482	.54189	.09976	118.49000	958.78000	115.38000	9999.00000	.28578	.00000	.90081
2.273	23.386	.54148	.09969	118.58000	959.47000	114.79000	9999.00000	.28874	.00000	.89925
2.274	23.983	.54112	.09959	118.44000	958.33000	114.28000	9999.00000	.28935	.00000	.89995
2.273	24.632	.54591	.09964	118.52000	959.02000	113.65000	9999.00000	.29101	.00000	.89948
2.273	25.677	.54195	.09963	118.53000	959.07000	112.59000	9999.00000	.29372	.00000	.89932
2.270	26.158	.54266	.09981	118.76000	960.93000	111.66000	9999.00000	.29428	.00000	.89829
2.292	27.346	.54184	.10068	118.68000	960.32000	109.97000	9999.00000	.29717	.00000	.90698
2.288	28.300	.54063	.10058	118.75000	960.85000	107.69000	9999.00000	.29514	.00000	.90534
2.302	28.853	.54102	.10075	118.40000	958.01000	105.32000	9999.00000	.29581	.00000	.91087
2.298	29.658	.54033	.10075	118.51000	958.38000	97.37700	9999.00000	.29483	.00000	.90924
2.295	29.671	.54531	.10058	118.50000	958.82000	101.01000	9999.00000	.29514	.00000	.90822
	GRADIENT	.00361	-.00003	-.04558	-.34031	-.91563	.00000	.00183	.00000	.00017

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E033) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 126/0 RN/L = 7.49 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.446	14.381	.41687	.27084	105.06000	858.45000	197.28000	9999.00000	.69036	.00000	2.94610
7.519	14.393	.41733	.27311	104.97000	857.96000	198.17000	9999.00000	.69792	.00000	2.97500
7.508	14.539	.45972	.27346	105.03000	855.84000	97.12300	9999.00000	.69434	.00000	2.97090
7.493	14.799	.41672	.27302	105.16000	859.07000	196.52000	9999.00000	.70070	.00000	2.96480
7.499	15.626	.42261	.27346	105.22000	859.43000	195.89000	9999.00000	.70706	.00000	2.96700
7.539	16.339	.42541	.27495	105.22000	859.35000	195.00000	9999.00000	.72416	.00000	2.98300
7.514	17.070	.42730	.27401	105.20000	859.15000	193.86000	9999.00000	.72972	.00000	2.97320
7.500	18.286	.42729	.27394	105.31000	859.93000	191.83000	9999.00000	.74443	.00000	2.96760
7.500	19.107	.42721	.27396	105.32000	859.80000	189.04000	9999.00000	.75835	.00000	2.96750
7.465	20.175	.43676	.27255	105.27000	859.31000	186.25000	9999.00000	.76471	.00000	2.95390
7.518	20.826	.44064	.27468	105.32000	859.60000	183.04000	9999.00000	.77902	.00000	2.97460
7.515	21.552	.43899	.27470	105.35000	859.72000	180.25000	9999.00000	.78339	.00000	2.97350
7.501	22.319	.44364	.27397	105.28000	859.11000	177.42000	9999.00000	.79055	.00000	2.96800
7.455	23.628	.44568	.27209	105.23000	858.49000	172.26000	9999.00000	.79870	.00000	2.94990
7.468	24.841	.43981	.27298	105.33000	859.27000	167.66000	9999.00000	.81679	.00000	2.95480
7.442	25.815	.43851	.27185	105.28000	858.70000	162.37000	9999.00000	.83607	.00000	2.94470
7.443	26.731	.43727	.27138	105.15000	857.55000	156.16000	9999.00000	.84422	.00000	2.94490
7.528	28.003	.43699	.27383	104.98000	856.04000	148.85000	9999.00000	.84978	.00000	2.97860
7.531	28.758	.44161	.27478	105.18000	857.64000	140.53000	9999.00000	.86012	.00000	2.97990
7.515	29.166	.44651	.27351	105.00000	856.04000	126.92000	9999.00000	.84581	.00000	2.97340
GRADIENT		-.00484	.00073	.08247	.64313	-3.79226	.00000	.01491	.00000	.00404

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0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 785

0A257 (LARC 20-M6-6559) OV102

(T7E034) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	X0
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	Y0
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	Z0
SCALE	=	.0100						

PARAMETRIC DATA

BETA	=	.500	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 134/O RN/L = 2.28 GRADIENT INTERVAL = 23.00/ 25.00

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E034) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

BETA = .500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 127/ 0 RN/L = 7.60 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.583	24.261	.39646	.27408	104.58000	854.00000	221.79000	9999.00000	.81877	.00000	3.00050
7.584	24.277	.39704	.27400	104.54000	853.43000	218.97000	9999.00000	.81182	.00000	3.00080
7.549	24.374	.41867	.27409	104.79000	853.18000	104.81000	9999.00000	.80645	.00000	2.98680
7.574	24.386	.42023	.27522	104.85000	853.96000	123.96000	9999.00000	.80407	.00000	2.99690
7.628	25.317	.39553	.27560	104.54000	853.14000	216.43000	9999.00000	.83229	.00000	3.01810
7.616	26.215	.39473	.27544	104.60000	853.59000	215.25000	9999.00000	.84660	.00000	3.01340
7.607	26.956	.40055	.27546	104.69000	854.20000	213.98000	9999.00000	.85654	.00000	3.00980
7.581	27.736	.39850	.27427	104.62000	853.55000	212.43000	9999.00000	.86390	.00000	2.99960
7.579	28.858	.39614	.27444	104.67000	853.88000	210.55000	9999.00000	.86012	.00000	2.99900
7.579	29.755	.39417	.27440	104.65000	853.63000	207.57000	9999.00000	.85575	.00000	2.99900
7.601	30.749	.39756	.27519	104.65000	853.55000	205.15000	9999.00000	.85535	.00000	3.00750
7.593	31.887	.40596	.27482	104.62000	853.22000	202.42000	9999.00000	.85615	.00000	3.00450
7.606	32.849	.40641	.27555	104.69000	853.67000	198.85000	9999.00000	.85774	.00000	3.00950
7.620	33.652	.41181	.27586	104.63000	853.14000	194.92000	9999.00000	.85992	.00000	3.01510
7.615	34.982	.41120	.27613	104.75000	853.96000	190.10000	9999.00000	.88139	.00000	3.01300
7.619	35.775	.41880	.27635	104.76000	853.96000	185.36000	9999.00000	.88636	.00000	3.01480
7.606	36.635	.41384	.27568	104.70000	853.43000	180.12000	9999.00000	.88079	.00000	3.00970
7.587	37.699	.41547	.27521	104.76000	853.79000	174.55000	9999.00000	.91399	.00000	3.00210
7.594	38.589	.41449	.27531	104.72000	853.43000	168.21000	9999.00000	.94858	.00000	3.00460
7.599	39.120	.41541	.27498	104.58000	852.20000	161.53000	9999.00000	.95593	.00000	3.00690
	GRADIENT	.20202	.00593	2.31630	-1.16788	-930.64720	-.62287	-.09428	.00000	-.07269

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) DV102

(T7E035) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 252/ 0 RN/L = 2.26 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.241	14.590	-.19768	.09726	117.98000	959.76000	123.33000	9999.00000	.25630	.10955	.88664
2.243	14.610	-.19789	.09738	117.97000	959.35000	123.33000	9999.00000	.25661	.11788	.88769
2.302	14.967	-.18363	.09839	116.61000	945.19000	77.18600	9999.00000	.25741	.10135	.91090
2.246	15.171	-.19751	.09734	117.84000	958.05000	123.75000	9999.00000	.25975	.11784	.88867
2.240	16.043	-.19744	.09731	118.03000	959.43000	124.04000	9999.00000	.26221	.11800	.88621
2.242	16.813	-.19715	.09724	117.90000	958.21000	124.42000	9999.00000	.26295	.11798	.88701
2.239	17.273	-.19719	.09728	118.01000	959.02000	124.85000	9999.00000	.26510	.11800	.88604
2.242	18.806	-.19716	.09724	117.87000	957.69000	125.61000	9999.00000	.27064	.11792	.88709
2.242	19.919	-.19682	.09717	117.81000	957.08000	126.11000	9999.00000	.27470	.11798	.88709
2.260	21.094	-.19683	.09721	117.23000	952.21000	126.54000	9999.00000	.27846	.11808	.89406
2.251	22.098	-.19681	.09730	117.60000	955.09000	127.09000	9999.00000	.28172	.11812	.89058
2.253	22.949	-.19645	.09726	117.49000	954.07000	127.76000	9999.00000	.28387	.11820	.89138
2.262	23.855	-.19676	.09730	117.20000	951.52000	128.61000	9999.00000	.28726	.11843	.89482
2.254	24.840	-.19680	.09727	117.42000	953.18000	127.85000	9999.00000	.29021	.11853	.89204
2.267	25.975	-.19603	.09727	117.00000	949.57000	124.55000	9999.00000	.29058	.11879	.89682
2.279	26.902	-.19690	.09748	116.74000	947.30000	118.59000	9999.00000	.29200	.11923	.90167
2.303	27.803	-.19744	.09767	116.07000	941.69000	111.24000	9999.00000	.29218	.11968	.91118
2.299	28.925	-.19652	.09805	116.48000	944.90000	103.08000	9999.00000	.29298	.12041	.90981
2.315	29.481	-.19791	.09940	116.99000	948.80000	90.53400	9999.00000	.29563	.12014	.91618
	GRADIENT	-.00004	-.00002	.22345	1.68591	-.77136	.00000	.00300	.00010	-.00282

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0A257 (LARC 20-M6-6559) DV102

(T7E035) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = * .000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 249/ O RN/L = 4.43 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.310	14.458	-.20904	.16204	107.07000	868.03000	147.54000	9999.00000	.41158	.18250	1.70550
4.365	14.507	-.20936	.16227	106.29000	861.86000	145.13000	9999.00000	.41158	.16497	1.72700
4.587	14.769	-.19559	.16903	105.59000	854.65000	78.15900	9999.00000	.42974	.17358	1.81500
4.326	15.430	-.20931	.16338	107.39000	870.55000	151.43000	9999.00000	.42285	.18434	1.71160
4.330	16.119	-.20860	.16378	107.49000	871.28000	152.91000	9999.00000	.42826	.18422	1.71340
4.316	16.726	-.20850	.16370	107.70000	872.90000	154.18000	9999.00000	.43307	.18422	1.70760
4.318	17.607	-.20854	.16400	107.78000	873.55000	155.02000	9999.00000	.43651	.18464	1.70850
4.317	18.293	-.20884	.16412	107.86000	874.08000	155.02000	9999.00000	.44070	.18553	1.70810
4.366	19.088	-.20830	.16521	107.51000	871.24000	153.96000	9999.00000	.44962	.18613	1.72750
4.382	20.153	-.20860	.16525	107.28000	869.25000	151.72000	9999.00000	.45418	.18637	1.73370
4.377	20.940	-.20741	.16530	107.37000	869.98000	149.19000	9999.00000	.46107	.18702	1.73180
4.402	21.687	-.20631	.16577	107.16000	868.19000	146.10000	9999.00000	.46563	.18774	1.74180
4.441	22.856	-.20369	.16667	106.92000	866.21000	141.92000	9999.00000	.47769	.18953	1.75700
4.469	23.696	-.20376	.16713	106.65000	863.97000	138.24000	9999.00000	.48409	.19036	1.76840
4.499	24.469	-.20407	.16770	106.43000	862.11000	133.97000	9999.00000	.48883	.19060	1.78000
4.507	25.081	-.20307	.16805	106.45000	862.19000	129.62000	9999.00000	.49782	.19132	1.78320
4.514	26.186	-.20373	.16829	106.43000	861.98000	123.75000	9999.00000	.50514	.19221	1.78610
4.537	27.008	-.20361	.16904	106.38000	861.54000	117.87000	9999.00000	.50348	.19328	1.79530
4.577	28.588	-.20254	.16946	105.93000	857.80000	110.18000	9999.00000	.50933	.19352	1.81120
4.575	29.267	-.20321	.16927	105.88000	857.31000	98.01000	9999.00000	.50563	.19418	1.81040
	GRADIENT	-.00040	.00074	-.28458	-2.40572	-5.52380	.01307	.00613	.00031	.01501

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OA257 (LARC 20-M6-6559) OV102

(T7E035) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 246/ 0 RN/L = 7.54 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.529	14.249	-.04472	.27083	104.39000	855.43000	194.37000	9999.00000	.67724	.28329	2.97920
7.586	14.272	-.04428	.27462	104.81000	858.45000	194.70000	9999.00000	.69076	.31833	3.00160
7.557	14.533	-.01764	.27440	104.86000	855.27000	95.17900	9999.00000	.68857	.28603	2.99000
7.563	14.973	-.04200	.27393	104.84000	858.37000	194.41000	9999.00000	.69812	.31750	2.99240
7.536	15.724	-.03818	.27354	104.98000	859.39000	193.82000	9999.00000	.70587	.31624	2.98180
7.526	16.424	-.03951	.27339	105.03000	859.68000	193.01000	9999.00000	.71183	.31624	2.97770
7.503	17.324	-.03991	.27284	105.09000	860.01000	191.62000	9999.00000	.72098	.31642	2.96880
7.493	18.285	-.04175	.27251	105.10000	859.93000	190.10000	9999.00000	.73469	.31547	2.96470
7.504	19.518	-.04050	.27300	105.10000	859.72000	187.10000	9999.00000	.74125	.31642	2.96930
7.574	20.743	-.04192	.27422	104.76000	856.82000	184.94000	9999.00000	.75198	.31797	2.99670
7.540	21.393	-.04177	.27373	104.95000	858.17000	182.49000	9999.00000	.76431	.31821	2.98330
7.567	22.282	-.04219	.27511	105.04000	858.78000	179.11000	9999.00000	.78260	.31893	2.99400
7.538	23.077	-.03477	.27483	105.23000	860.17000	175.26000	9999.00000	.78697	.31833	2.98260
7.560	23.678	-.03235	.27472	104.99000	858.05000	171.08000	9999.00000	.78677	.31851	2.99140
7.543	24.295	-.03155	.27451	105.09000	858.70000	166.14000	9999.00000	.80088	.32024	2.98450
7.558	24.947	-.02974	.27578	105.26000	859.97000	160.73000	9999.00000	.81400	.31946	2.99050
7.570	25.836	-.02963	.27462	104.85000	856.45000	154.64000	9999.00000	.81997	.31905	2.99510
7.532	26.148	-.03158	.27423	105.10000	858.29000	147.75000	9999.00000	.83050	.31994	2.98010
7.519	26.958	-.03211	.27392	105.13000	858.33000	138.33000	9999.00000	.83507	.31988	2.97520
7.528	27.880	-.02856	.27389	105.03000	857.47000	131.31000	9999.00000	.83587	.31982	2.97850
7.605	29.007	-.02898	.27657	104.99000	856.98000	119.65000	9999.00000	.84183	.32155	3.00910
	GRADIENT	.00255	.00043	.03317	.02971	-7.79847	.00403	.01536	.00081	.00269

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OA257 (LARC 20-M6-6559) DV102

(T7EO36) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 253/0 RN/L = 2.23 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.245	24.431	-.07552	.09690	117.60000	957.32000	189.17000	9999.00000	.28806	.10643	.88810
2.234	24.489	-.07586	.09693	117.97000	960.00000	193.35000	9999.00000	.28751	.11745	.88396
2.177	24.643	-.01215	.09443	117.73000	953.71000	86.11400	9999.00000	.27760	.09917	.86157
2.226	25.533	-.07659	.09697	118.27000	962.23000	195.17000	9999.00000	.29095	.11758	.88086
2.240	26.150	-.07556	.09698	117.77000	958.01000	195.30000	9999.00000	.29083	.11753	.88649
2.240	26.558	-.07359	.09687	117.70000	957.28000	194.70000	9999.00000	.29175	.11754	.88622
2.233	28.063	-.07590	.09684	117.89000	958.58000	192.46000	9999.00000	.28898	.11737	.88371
2.228	28.503	-.07397	.09653	117.80000	957.56000	188.11000	9999.00000	.28904	.11727	.88168
2.220	29.580	-.07364	.09646	118.03000	959.23000	184.31000	9999.00000	.28689	.11733	.87823
2.232	30.600	-.07582	.09655	117.68000	956.14000	181.01000	9999.00000	.29021	.11743	.88303
2.229	31.458	-.07367	.09664	117.83000	957.20000	177.34000	9999.00000	.29101	.11747	.88201
2.244	32.470	-.06860	.09670	117.34000	952.98000	172.56000	9999.00000	.29181	.11753	.88804
2.229	33.427	-.06953	.09668	117.86000	957.00000	167.66000	9999.00000	.29526	.11756	.88193
2.229	34.148	-.06854	.09670	117.87000	956.96000	162.80000	9999.00000	.29858	.11772	.88182
2.251	34.259	-.06865	.09679	117.16000	950.99000	158.19000	9999.00000	.30043	.11780	.89065
2.235	35.387	-.06854	.09675	117.68000	955.05000	152.02000	9999.00000	.30985	.11782	.88423
2.240	36.208	-.06861	.09669	117.43000	952.90000	146.53000	9999.00000	.32240	.11784	.88634
2.229	36.825	-.06955	.09671	117.83000	955.94000	141.24000	9999.00000	.33508	.11776	.88208
2.227	37.563	-.06363	.09669	117.87000	956.14000	134.14000	9999.00000	.33465	.11768	.88123
2.236	38.205	-.06452	.09666	117.55000	953.38000	127.38000	9999.00000	.33225	.11745	.88456
2.236	38.529	-.06475	.09647	117.38000	951.84000	119.44000	9999.00000	.33084	.11695	.88461
2.219	39.258	-.06318	.09595	117.54000	952.94000	108.62000	9999.00000	.31920	.11584	.87797
	GRADIENT	.32250	-.01261	.16610	-21.88475	-529.28813	.00000	-.05242	-.05159	-.12929

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OA257 (LARC 20-M6-6559) OV102

(T7E036) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 250/ 0 RN/L = 4.54 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN	
4.448	24.345	-.18174	.16518	106.05000	856.82000	199.78000	9999.00000	.47474	.16611	1.76010	
4.453	24.387	-.18170	.16563	106.15000	857.31000	197.24000	9999.00000	.47947	.18589	1.76210	
4.530	24.591	-.16565	.17089	107.01000	861.34000	100.63000	9999.00000	.49123	.17030	1.79260	
4.464	25.355	-.18180	.16572	106.02000	856.08000	195.68000	9999.00000	.48187	.18601	1.76610	
4.464	26.438	-.18045	.16551	105.92000	855.18000	194.62000	9999.00000	.48778	.18637	1.76630	
4.474	27.592	-.18092	.16570	105.84000	854.41000	193.10000	9999.00000	.48901	.18643	1.77020	
4.468	28.254	-.18051	.16591	106.02000	855.76000	191.20000	9999.00000	.48852	.18732	1.76780	
4.526	29.468	-.18197	.16811	106.02000	855.59000	187.35000	9999.00000	.50089	.19042	1.79080	
4.607	30.788	-.18164	.17074	105.86000	854.16000	184.27000	9999.00000	.50317	.19167	1.82280	
4.576	31.401	-.18144	.17038	106.18000	856.57000	181.60000	9999.00000	.50409	.19114	1.81080	
4.580	32.609	-.17994	.17009	105.99000	854.98000	178.31000	9999.00000	.50668	.19132	1.81230	
4.587	33.558	-.17397	.17020	105.93000	854.37000	174.08000	9999.00000	.51283	.19138	1.81480	
4.573	34.588	-.17368	.17009	106.09000	855.55000	169.90000	9999.00000	.51702	.19173	1.80940	
4.586	35.712	-.17336	.17017	105.92000	854.04000	164.91000	9999.00000	.9999.00000	.19281	1.81460	
4.613	36.847	-.17096	.17117	105.92000	853.88000	159.04000	9999.00000	.53333	.19275	1.82520	
4.615	37.462	-.17031	.17070	105.69000	851.91000	152.02000	9999.00000	.54804	.19251	1.82590	
4.584	37.928	-.17072	.17024	105.96000	853.96000	143.65000	9999.00000	.55718	.19233	1.81380	
4.594	39.165	-.16458	.17048	105.90000	853.34000	132.24000	9999.00000	.55937	.19376	1.81770	
	GRADIENT		.06964	.02403	4.00235	18.82021	-425.54171	.00000	.06405	-.01269	.13771

RUN NO. 247/ 0 RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN	
7.420	24.101	.00989	.27064	105.39000	864.30000	236.54000	9999.00000	.79472	.28710	2.93600	
7.471	24.356	.03087	.27216	105.13000	858.54000	112.13000	9999.00000	.79890	.28364	2.95600	
7.527	24.369	.02878	.27344	104.95000	857.23000	124.38000	9999.00000	.79651	.30683	2.97820	
7.439	27.051	.00983	.27089	105.24000	862.19000	230.58000	9999.00000	.82792	.31595	2.94340	
7.427	28.033	.00984	.27114	105.41000	863.49000	229.35000	9999.00000	.83607	.31493	2.93860	
7.380	29.292	.00923	.26939	105.39000	862.96000	224.73000	9999.00000	.83070	.31416	2.92000	
7.403	30.408	.00854	.26984	105.27000	861.90000	222.32000	9999.00000	.82275	.31362	2.92930	
7.346	31.483	.00990	.26869	105.51000	863.69000	219.66000	9999.00000	.82792	.31309	2.90680	
7.383	32.432	.00849	.26891	105.21000	861.09000	216.60000	9999.00000	.83150	.31356	2.92130	
7.421	33.111	.00901	.27096	105.37000	862.27000	213.00000	9999.00000	.85018	.31630	2.93650	
7.455	34.461	.02065	.27234	105.41000	862.43000	208.91000	9999.00000	.85416	.31642	2.94970	
7.458	35.570	.01955	.27205	105.29000	861.34000	203.72000	9999.00000	.86290	.31654	2.95100	
7.438	36.736	.01967	.27145	105.32000	861.38000	196.23000	9999.00000	.86966	.31547	2.94310	
7.429	37.421	.02070	.27080	105.23000	860.48000	188.66000	9999.00000	.88159	.31708	2.93940	
7.553	38.303	.01895	.27456	105.03000	858.66000	179.53000	9999.00000	.92492	.32024	2.98860	
7.486	38.984	.01925	.27281	105.19000	859.80000	165.92000	9999.00000	.94321	.31869	2.96220	
	GRADIENT		.07581	.00843	-1.35947	-24.65924	-449.73185	.00000	.01107	.03435	.12188

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E037) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 259/ 0 RN/L = 2.31 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.301	14.554	-.58640	.09902	117.19000	950.83000	125.35000	9999.00000	.26122	.10845	.91046
2.283	14.597	-.58590	.09908	117.85000	955.82000	125.40000	9999.00000	.26233	.11988	.90327
2.316	14.806	-.59564	.09840	116.05000	937.96000	80.76600	9999.00000	.25802	.10293	.91619
2.290	15.812	-.58576	.09905	117.56000	953.26000	125.73000	9999.00000	.26849	.11998	.90620
2.294	16.915	-.58618	.09912	117.50000	952.61000	125.82000	9999.00000	.27095	.12008	.90752
2.288	18.037	-.58558	.09912	117.67000	953.83000	126.07000	9999.00000	.27347	.12002	.90541
2.293	18.712	-.58552	.09918	117.55000	952.77000	126.24000	9999.00000	.27483	.12010	.90719
2.301	19.556	-.58518	.09924	117.31000	950.58000	126.87000	9999.00000	.27803	.12023	.91047
2.294	20.208	-.58610	.09931	117.59000	952.69000	127.38000	9999.00000	.28098	.12033	.90774
2.303	21.138	-.58376	.09925	117.23000	949.61000	127.97000	9999.00000	.28387	.12041	.91136
2.323	22.157	-.58467	.09948	116.72000	945.27000	128.99000	9999.00000	.28781	.12045	.91935
2.313	23.423	-.58567	.09940	117.01000	947.42000	129.54000	9999.00000	.29181	.12049	.91515
2.309	24.195	-.58534	.09944	117.16000	948.55000	128.99000	9999.00000	.29428	.12051	.91360
2.317	24.894	-.58467	.09939	116.85000	945.83000	127.09000	9999.00000	.29637	.12055	.91674
2.333	25.494	-.58355	.09939	116.30000	941.25000	123.54000	9999.00000	.29754	.12055	.92313
2.335	26.108	-.58538	.09945	116.27000	940.88000	118.63000	9999.00000	.29649	.12061	.92397
2.320	27.134	-.58564	.09937	116.70000	944.21000	112.76000	9999.00000	.29680	.12055	.91807
2.331	27.825	-.57922	.09927	116.26000	940.56000	106.55000	9999.00000	.29600	.12033	.92218
2.313	28.682	-.57932	.09919	116.78000	944.58000	99.57400	9999.00000	.29532	.12006	.91537
2.307	29.374	-.57864	.09893	116.79000	944.54000	91.71400	9999.00000	.29341	.11927	.91268
	GRADIENT	.00068	-.00001	-.10357	-1.03718	-1.64912	.00000	.00310	.00004	.00103

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E037) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 255/ O RN/L = 7.51 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.330	14.457	-.48848	.27021	106.02000	866.94000	199.40000	9999.00000	.70143	.28444	2.90040
7.301	14.502	-.48687	.26899	105.97000	866.29000	199.78000	9999.00000	.69626	.31383	2.88900
7.626	14.633	-.44326	.27656	104.76000	854.20000	104.69000	9999.00000	.70680	.28891	3.01750
7.324	15.155	-.48438	.26907	105.77000	864.58000	199.78000	9999.00000	.69845	.31383	2.89780
7.327	15.832	-.48399	.26929	105.79000	864.66000	199.10000	9999.00000	.71177	.31413	2.89900
7.337	16.753	-.48404	.26929	105.69000	863.73000	198.17000	9999.00000	.72171	.31448	2.90300
7.362	17.595	-.48484	.26960	105.53000	862.35000	196.90000	9999.00000	.73363	.31615	2.91280
7.447	18.387	-.48490	.27297	105.59000	862.72000	195.63000	9999.00000	.73860	.31800	2.94660
7.439	19.243	-.48362	.27247	105.53000	862.15000	193.77000	9999.00000	.74894	.31830	2.94350
7.462	19.881	-.48454	.27312	105.48000	861.62000	191.83000	9999.00000	.76405	.31860	2.95250
7.519	20.667	-.48368	.27515	105.46000	861.42000	189.76000	9999.00000	.77399	.32110	2.97490
7.543	21.343	-.48331	.27576	105.39000	860.73000	187.27000	9999.00000	.77677	.32092	2.98440
7.512	22.115	-.48283	.27543	105.58000	862.23000	184.60000	9999.00000	.78989	.32074	2.97240
7.495	23.161	-.48433	.27489	105.61000	862.31000	181.14000	9999.00000	.79784	.31979	2.96560
7.460	24.061	-.48318	.27435	105.80000	863.77000	177.25000	9999.00000	.81653	.32032	2.95160
7.440	24.171	-.47814	.27402	105.90000	864.50000	173.45000	9999.00000	.81374	.32056	2.94370
7.538	25.050	-.47736	.27698	105.72000	863.00000	168.50000	9999.00000	.83581	.32211	2.98260
7.561	25.756	-.47406	.27629	105.33000	859.68000	163.30000	9999.00000	.84316	.32241	2.99170
7.609	26.337	-.47245	.27606	104.82000	855.47000	157.64000	9999.00000	.85588	.32140	3.01070
7.668	27.017	-.47198	.27645	104.38000	851.79000	151.56000	9999.00000	.86582	.32271	3.03390
7.679	27.886	-.47415	.27645	104.27000	850.81000	144.67000	9999.00000	.86384	.32223	3.03840
7.693	28.618	-.47289	.27644	104.14000	849.67000	136.60000	9999.00000	.85728	.32235	3.04380
7.734	28.972	-.47452	.27759	104.05000	848.85000	127.21000	9999.00000	.86443	.32390	3.06030
GRADIENT		.00426	-.00076	.25790	1.95719	-6.34338	.00000	.01768	.00070	-.01932

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) DV102

(T7EO38) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

BETA = -.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 260/ 0 RN/L = 2.25 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.226	24.388	-.63347	.09661	117.88000	956.91000	190.73000	9999.00000	.28781	.11175	.88081
2.229	24.564	-.63487	.09668	117.84000	956.79000	188.53000	9999.00000	.28831	.10572	.88210
2.291	24.615	-.55902	.10062	118.70000	960.73000	103.59000	9999.00000	.29563	.10487	.90630
2.218	25.422	-.55521	.09694	118.40000	960.61000	198.51000	9999.00000	.29034	.11764	.87779
2.219	26.257	-.55521	.09701	118.44000	960.81000	198.09000	9999.00000	.29323	.11782	.87787
2.212	27.189	-.55569	.09709	118.73000	963.04000	196.44000	9999.00000	.29126	.11804	.87538
2.219	28.212	-.55615	.09719	118.56000	961.58000	193.99000	9999.00000	.29077	.11824	.87804
2.212	29.216	-.55476	.09735	118.93000	964.46000	191.41000	9999.00000	.29114	.11849	.87524
2.227	30.057	-.55493	.09749	118.52000	960.97000	188.58000	9999.00000	.29243	.11873	.88115
2.228	30.851	-.55534	.09775	118.67000	962.15000	185.70000	9999.00000	.29323	.11891	.88164
2.237	31.666	-.54955	.09796	118.51000	960.69000	181.90000	9999.00000	.29594	.11907	.88530
2.237	32.680	-.54842	.09812	118.63000	961.54000	176.41000	9999.00000	.29926	.11923	.88532
2.250	33.539	-.54799	.09812	118.18000	957.73000	171.63000	9999.00000	.30172	.11936	.89038
2.247	34.474	-.54380	.09815	118.32000	958.78000	167.15000	9999.00000	.30566	.11974	.88895
2.256	35.245	-.54378	.09845	118.25000	958.05000	162.08000	9999.00000	.31133	.12018	.89249
2.252	36.248	-.54459	.09861	118.50000	959.96000	156.04000	9999.00000	.32776	.12079	.89099
2.268	37.100	-.54475	.09893	118.18000	957.28000	150.29000	9999.00000	.34222	.12172	.89746
2.284	37.827	-.54465	.10001	118.47000	959.59000	144.20000	9999.00000	.34573	.12243	.90377
2.310	38.691	-.54502	.10115	118.46000	959.35000	136.47000	9999.00000	.34524	.12279	.91420
2.316	39.242	-.54410	.10134	118.43000	958.98000	128.48000	9999.00000	.33902	.12243	.91626
	GRADIENT	.24102	.01323	2.61792	12.29534	-287.74193	-.36703	.02625	-.03131	.08513

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E038) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 256/ 0 RN/L = 7.50 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.290	24.165	-.44873	.26933	106.15000	867.22000	246.60000	9999.00000	.80659	.28397	2.88440
7.358	24.217	-.44925	.27077	105.85000	864.62000	244.72000	9999.00000	.81215	.31722	2.91130
7.380	24.714	-.44908	.27191	105.94000	865.23000	243.98000	9999.00000	.82527	.31728	2.91990
7.400	25.315	-.44188	.27248	105.89000	864.70000	243.00000	9999.00000	.83203	.31740	2.92810
7.420	25.866	-.43945	.27340	105.93000	864.95000	242.10000	9999.00000	.84277	.31764	2.93610
7.418	26.475	-.43891	.27279	105.79000	863.73000	241.12000	9999.00000	.84932	.31818	2.93510
7.432	27.565	-.43818	.27272	105.63000	862.35000	239.73000	9999.00000	.85350	.31848	2.94080
7.473	28.165	-.43803	.27454	105.71000	862.92000	238.51000	9999.00000	.86145	.32003	2.95680
7.494	28.868	-.43730	.27538	105.72000	862.92000	236.79000	9999.00000	.86721	.32122	2.96520
7.493	29.784	-.43815	.27503	105.64000	862.19000	234.91000	9999.00000	.86085	.32104	2.96460
7.511	30.755	-.43975	.27566	105.62000	861.94000	232.78000	9999.00000	.85747	.32038	2.97200
7.487	31.243	-.43817	.27452	105.55000	861.21000	229.60000	9999.00000	.85827	.31991	2.96260
7.538	32.295	-.43771	.27543	105.31000	859.11000	226.41000	9999.00000	.87338	.32241	2.98260
7.552	33.028	-.43579	.27617	105.36000	859.43000	223.55000	9999.00000	.87119	.32217	2.98830
7.573	33.977	-.42840	.27648	105.24000	858.37000	219.46000	9999.00000	.88491	.32354	2.99640
7.553	34.577	-.42663	.27632	105.38000	859.35000	213.17000	9999.00000	.87218	.32229	2.98860
7.556	34.904	-.42788	.27545	105.12000	857.15000	208.06000	9999.00000	.87179	.32152	2.98990
7.532	35.700	-.40651	.27421	105.03000	856.29000	201.15000	9999.00000	.88292	.32265	2.98010
7.592	36.529	-.40776	.27692	105.15000	857.23000	195.38000	9999.00000	.89564	.32408	3.00390
7.651	37.239	-.40802	.27827	104.94000	855.43000	188.53000	9999.00000	.91433	.32479	3.02750
7.634	38.277	-.40659	.27776	104.98000	855.59000	180.72000	9999.00000	.93937	.32193	3.02040
7.606	38.914	-.39403	.27728	105.10000	856.41000	159.67000	9999.00000	.95388	.29070	3.00950
	GRADIENT	-.00024	.00373	-.15638	-1.67638	-3.45376	.00000	.03097	.03638	.04564

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E039) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 261/ 0 RN/L = 2.26 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.270	14.361	.43429	.09805	117.50000	953.34000	127.55000	9999.00000	.25630	.10748	.89802
2.260	14.384	.43410	.09798	117.77000	955.17000	127.59000	9999.00000	.25765	.11871	.89418
2.267	14.860	.43397	.09811	117.44000	948.88000	80.14800	9999.00000	.25839	.10340	.89708
2.256	15.282	.43349	.09788	117.82000	955.33000	127.89000	9999.00000	.26190	.11871	.89245
2.268	16.130	.43576	.09782	117.32000	951.15000	128.06000	9999.00000	.26479	.11883	.89753
2.256	17.001	.43482	.09787	117.80000	954.84000	128.27000	9999.00000	.26855	.11893	.89252
2.260	18.098	.43521	.09799	117.73000	954.15000	128.61000	9999.00000	.27255	.11895	.89429
2.274	19.062	.43357	.09807	117.32000	950.70000	128.99000	9999.00000	.27495	.11899	.89965
2.270	19.849	.43426	.09797	117.35000	950.83000	129.33000	9999.00000	.27649	.11907	.89827
2.258	20.488	.43429	.09814	117.91000	955.17000	129.62000	9999.00000	.27987	.11907	.89342
2.266	21.277	.43333	.09807	117.57000	952.33000	130.13000	9999.00000	.28234	.11911	.89652
2.264	22.091	.43477	.09819	117.71000	953.30000	130.93000	9999.00000	.28326	.11917	.89594
2.254	23.035	.43423	.09818	118.07000	956.02000	131.65000	9999.00000	.28547	.11915	.89172
2.266	23.739	.43629	.09833	117.74000	953.22000	132.54000	9999.00000	.28806	.11921	.89674
2.272	24.511	.43813	.09828	117.51000	951.19000	133.05000	9999.00000	.28972	.11933	.89892
2.261	25.206	.43822	.09827	117.85000	953.87000	132.71000	9999.00000	.29151	.11946	.89472
2.249	25.749	.43996	.09827	118.28000	957.16000	131.02000	9999.00000	.29231	.11962	.88990
2.256	26.314	.44002	.09843	118.16000	956.06000	127.89000	9999.00000	.29212	.11980	.89253
2.263	27.334	.44436	.09853	117.96000	954.32000	122.86000	9999.00000	.29274	.11986	.89559
2.252	28.285	.44428	.09844	118.30000	956.83000	116.18000	9999.00000	.29366	.11996	.89098
2.248	29.016	.44444	.09852	118.48000	958.21000	109.46000	9999.00000	.29218	.11990	.88953
2.246	29.569	.44454	.09844	118.50000	958.17000	100.88000	9999.00000	.29040	.11978	.88851
	GRADIENT	.00264	.00007	-.37813	-3.26217	.94388	.00000	.00287	.00012	.00484

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0A257 (LARC 20-M6-6559) OV102

(T7E039) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 257/ 0 RN/L = 7.57 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.358	14.078	.62161	.27018	105.69000	863.16000	201.56000	9999.00000	.69249	.31633	2.91150
7.475	14.538	.63012	.27559	105.84000	861.21000	101.01000	9999.00000	.69746	.28802	2.95750
7.464	14.706	.62051	.27442	105.76000	863.45000	201.43000	9999.00000	.70581	.31967	2.95350
7.454	15.621	.62244	.27414	105.78000	863.49000	200.71000	9999.00000	.71714	.31943	2.94940
7.445	16.543	.62306	.27407	105.85000	863.89000	199.65000	9999.00000	.72668	.31901	2.94570
7.466	17.738	.62283	.27463	105.79000	863.24000	198.17000	9999.00000	.74934	.32205	2.95410
7.515	18.472	.62255	.27673	105.86000	863.69000	196.31000	9999.00000	.76325	.32265	2.97360
7.535	19.449	.62125	.27731	105.81000	863.16000	194.20000	9999.00000	.77200	.32217	2.98150
7.528	20.111	.62046	.27657	105.68000	862.03000	192.04000	9999.00000	.77617	.32169	2.97860
7.524	20.873	.62219	.27563	105.48000	860.25000	189.72000	9999.00000	.78293	.32086	2.97690
7.527	21.908	.62150	.27508	105.30000	858.70000	187.14000	9999.00000	.79108	.32104	2.97820
7.590	22.747	.62299	.27629	105.02000	856.29000	183.93000	9999.00000	.79764	.32301	3.00310
7.723	23.550	.62655	.27915	104.51000	851.91000	177.55000	9999.00000	.81434	.32503	3.05590
7.697	24.066	.63205	.27835	104.55000	852.08000	173.74000	9999.00000	.82448	.32432	3.04550
7.711	24.542	.63271	.27910	104.60000	852.40000	169.60000	9999.00000	.83024	.32509	3.05100
7.720	25.124	.63313	.27928	104.55000	851.91000	164.87000	9999.00000	.83799	.32479	3.05480
7.698	25.802	.63304	.27833	104.51000	851.46000	159.67000	9999.00000	.84773	.32384	3.04600
7.756	26.471	.63506	.28027	104.47000	850.97000	153.37000	9999.00000	.86443	.32599	3.06900
7.714	27.569	.63299	.27953	104.66000	852.40000	145.26000	9999.00000	.86642	.32473	3.05220
7.659	28.585	.63268	.27763	104.67000	852.40000	136.51000	9999.00000	.86344	.32438	3.03060
7.651	29.174	.63169	.27787	104.80000	853.30000	125.90000	9999.00000	.85926	.32378	3.02740
	GRADIENT	.00627	-.00007	.09058	.49457	-8.00463	.02116	.01608	.00004	-.00515

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OA257 (LARC 20-M6-6559) OV102

(T7E040) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 262/0 RN/L = 2.26 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.277	24.252	.43277	.09895	118.03000	958.70000	189.38000	9999.00000	.29237	.10839	.90084
2.262	24.341	.43163	.09869	118.32000	960.81000	193.82000	9999.00000	.29151	.11946	.89492
2.261	24.499	.48297	.09831	117.90000	954.15000	93.44600	9999.00000	.28720	.10299	.89447
2.254	24.876	.43199	.09869	118.58000	962.76000	196.01000	9999.00000	.29366	.11946	.89189
2.251	25.541	.43197	.09858	118.62000	962.92000	197.92000	9999.00000	.29581	.11942	.89047
2.254	26.167	.43228	.09856	118.48000	961.70000	198.85000	9999.00000	.29754	.11942	.89173
2.253	26.790	.43291	.09869	118.60000	962.52000	198.68000	9999.00000	.29508	.11946	.89155
2.261	27.877	.43168	.09872	118.34000	960.24000	197.16000	9999.00000	.29674	.11954	.89457
2.254	28.760	.43227	.09887	118.69000	962.92000	194.96000	9999.00000	.29508	.11960	.89199
2.261	29.619	.43258	.09876	118.35000	960.08000	192.08000	9999.00000	.29508	.11972	.89475
2.262	30.121	.43282	.09881	118.36000	960.04000	188.91000	9999.00000	.29551	.11988	.89499
2.264	31.021	.43231	.09881	118.27000	959.11000	184.77000	9999.00000	.29686	.11982	.89591
2.261	31.980	.43276	.09887	118.42000	960.16000	180.42000	9999.00000	.29803	.11994	.89473
2.273	32.490	.43390	.09900	118.09000	957.44000	176.91000	9999.00000	.30142	.11992	.89948
2.268	33.076	.43352	.09895	118.22000	958.38000	172.81000	9999.00000	.30172	.12000	.89753
2.265	33.653	.43266	.09898	118.37000	959.43000	168.42000	9999.00000	.30345	.12012	.89611
2.267	34.493	.43216	.09904	118.33000	959.02000	163.22000	9999.00000	.30751	.12029	.89695
2.268	34.963	.44232	.09902	118.27000	958.38000	158.02000	9999.00000	.31293	.12039	.89742
2.271	35.631	.44343	.09911	118.23000	957.97000	152.44000	9999.00000	.32185	.12053	.89864
2.266	36.181	.44335	.09925	118.52000	960.16000	146.44000	9999.00000	.32991	.12047	.89661
2.261	37.166	.44327	.09909	118.54000	960.24000	138.33000	9999.00000	.34309	.12059	.89480
2.264	37.863	.45330	.09912	118.46000	959.43000	131.52000	9999.00000	.34142	.12049	.89598
2.250	38.785	.45370	.09895	118.81000	962.19000	124.76000	9999.00000	.33502	.12041	.89039
2.260	39.380	.45153	.09895	118.47000	959.35000	116.44000	9999.00000	.32948	.12002	.89409
	GRADIENT	.00098	-.00030	.73102	5.30406	5.28263	.00000	.00259	.01115	-.01135

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OA257 (LARC 20-M6-6559) DV102

(T7E040) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 258/0 RN/L = 7.57 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.518	23.922	.48297	.27554	105.55000	861.74000	236.46000	9999.00000	.81672	.28814	2.97450
7.541	24.000	.48119	.27542	105.29000	859.27000	234.25000	9999.00000	.81951	.32134	2.98390
7.478	24.178	.48119	.27480	105.59000	859.03000	112.84000	9999.00000	.81136	.28790	2.95900
7.531	24.894	.48181	.27560	105.42000	860.25000	233.52000	9999.00000	.82845	.32086	2.97980
7.509	25.734	.48255	.27508	105.49000	860.73000	232.50000	9999.00000	.83302	.32086	2.97100
7.508	26.772	.48256	.27490	105.45000	860.29000	231.43000	9999.00000	.85807	.32086	2.97060
7.474	27.644	.48335	.27430	105.61000	861.46000	229.88000	9999.00000	.85449	.32122	2.95720
7.506	28.402	.48186	.27657	105.88000	863.57000	228.29000	9999.00000	.86602	.32205	2.97010
7.529	28.781	.48176	.27635	105.61000	861.21000	226.45000	9999.00000	.85946	.32181	2.97920
7.474	29.824	.48076	.27423	105.57000	860.73000	221.79000	9999.00000	.85251	.32098	2.95710
7.556	30.815	.48070	.27718	105.55000	860.40000	219.13000	9999.00000	.86066	.32277	2.98980
7.546	31.558	.48120	.27590	105.32000	858.41000	216.31000	9999.00000	.85111	.32289	2.98560
7.579	32.503	.48131	.27659	105.18000	857.15000	212.96000	9999.00000	.87079	.32301	2.99890
7.634	33.206	.48189	.27832	105.11000	856.49000	209.49000	9999.00000	.86463	.32354	3.02040
7.623	33.962	.48798	.27711	104.89000	854.61000	204.99000	9999.00000	.87218	.32336	3.01630
7.653	34.690	.49152	.27808	104.86000	854.20000	200.49000	9999.00000	.87815	.32551	3.02820
7.685	35.242	.49217	.27901	104.80000	853.63000	195.21000	9999.00000	.89007	.32473	3.04060
7.649	35.867	.49183	.27740	104.71000	852.81000	188.11000	9999.00000	.88610	.32432	3.02640
7.701	36.687	.49081	.27940	104.74000	852.90000	180.59000	9999.00000	.90478	.32515	3.04700
7.695	37.440	.49002	.27831	104.51000	850.93000	171.04000	9999.00000	.91373	.32479	3.04460
7.636	38.336	.50038	.27667	104.63000	851.79000	160.90000	9999.00000	.93838	.32354	3.02120
7.646	38.927	.49768	.27699	104.61000	851.51000	151.18000	9999.00000	.96859	.32432	3.02550
GRADIENT	- .00031	.00020	- .03745	- .26483	12.48642	- .01324	.01230	.02184	.00369	

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OA257 (LARC 20-M6-6559) OV102

(T7E041) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 320/ 0 RN/L = 2.26 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.284	14.630	-.04375	.09791	117.04000	952.98000	157.30000	9999.00000	.25830	.11048	.90382
2.263	14.839	-.04334	.09784	117.70000	957.93000	159.33000	9999.00000	.26125	.11713	.89540
2.314	14.989	-.02249	.09884	116.47000	942.10000	74.26900	9999.00000	.25855	.10239	.91573
2.274	16.240	-.04239	.09780	117.29000	954.36000	160.52000	9999.00000	.26513	.11717	.89969
2.267	17.209	-.04360	.09780	117.50000	955.94000	161.44000	9999.00000	.26889	.11707	.89716
2.265	18.164	-.04254	.09770	117.49000	955.74000	162.46000	9999.00000	.27221	.11709	.89617
2.264	18.953	-.04210	.09773	117.55000	956.06000	163.35000	9999.00000	.27369	.11707	.89579
2.252	19.672	-.04282	.09770	117.94000	959.07000	164.57000	9999.00000	.27633	.11701	.89093
2.252	20.695	-.04152	.09761	117.86000	958.17000	166.14000	9999.00000	.27997	.11703	.89097
2.251	21.650	-.04324	.09761	117.90000	958.29000	167.78000	9999.00000	.28101	.11703	.89047
2.247	22.822	-.04299	.09754	117.94000	958.42000	169.56000	9999.00000	.28495	.11703	.88919
2.238	23.947	-.04213	.09749	118.22000	960.53000	171.46000	9999.00000	.28667	.11693	.88544
2.245	24.669	-.04280	.09751	117.98000	958.38000	173.62000	9999.00000	.28951	.11683	.88821
2.240	25.535	-.04199	.09753	118.17000	959.71000	175.60000	9999.00000	.29055	.11691	.88614
2.234	26.482	-.04218	.09744	118.30000	960.53000	176.49000	9999.00000	.29160	.11699	.88379
2.242	27.624	-.03723	.09747	118.01000	958.01000	175.18000	9999.00000	.29178	.11701	.88715
2.235	28.596	-.03751	.09748	118.27000	959.88000	172.31000	9999.00000	.28975	.11707	.88433
2.244	29.565	-.03767	.09755	118.01000	957.56000	168.50000	9999.00000	.28871	.11723	.88771
2.250	30.901	-.03687	.09758	117.79000	955.58000	163.43000	9999.00000	.29055	.11729	.89030
2.248	31.948	-.03477	.09761	117.88000	956.06000	157.89000	9999.00000	.29289	.11733	.88953
2.259	33.014	-.03216	.09762	117.49000	952.69000	153.16000	9999.00000	.29591	.11739	.89399
2.264	33.760	-.03322	.09768	117.37000	951.56000	147.84000	9999.00000	.29905	.11737	.89574
2.261	34.535	-.03312	.09766	117.43000	951.84000	140.74000	9999.00000	.30440	.11751	.89472
2.259	35.413	-.03199	.09763	117.48000	952.00000	133.21000	9999.00000	.31425	.11749	.89378
2.268	36.288	-.03292	.09770	117.22000	949.69000	125.27000	9999.00000	.32693	.11772	.89732
2.255	37.228	-.02800	.09754	117.52000	951.92000	117.20000	9999.00000	.33388	.11764	.89231
2.271	38.408	-.02812	.09757	116.98000	947.38000	106.76000	9999.00000	.32785	.11772	.89862
2.291	39.004	-.02653	.09771	116.42000	942.59000	93.74200	9999.00000	.31973	.11790	.90631
	GRADIENT	-.00093	.00003	-.33228	-2.97670	2.99169	.01499	.00393	-.00014	.00384

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0A257 (LARC 20-M6-6559) OV102

(T7E041) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 323/ O RN/L = 4.44 GRADIENT INTERVAL = 23.00/ 25.00

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OA257 (LARC 20-M6-6559) OV102

(T7E041) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 314/ 0 RN/L = 7.56 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.406	14.356	-.02690	.26990	105.18000	859.31000	-549.84000	9999.00000	.68162	.28605	2.93030
7.486	14.435	-.02617	.27410	105.49000	861.42000	-540.94000	9999.00000	.69493	.31818	2.96190
7.497	14.688	.00575	.27600	105.65000	858.00000	9999.00000	9999.00000	.68977	.28725	2.96640
7.534	14.706	.00507	.27666	105.48000	856.78000	9999.00000	9999.00000	.69195	.30793	2.98120
7.459	15.640	-.02676	.27303	105.46000	861.01000	-537.22000	9999.00000	.70507	.31734	2.95120
7.477	17.072	-.02683	.27400	105.53000	861.38000	-532.93000	9999.00000	.72614	.31788	2.95840
7.497	18.219	-.02863	.27369	105.25000	858.90000	-528.65000	9999.00000	.73946	.31830	2.96630
7.542	19.198	-.02679	.27577	105.35000	859.52000	-524.70000	9999.00000	.75198	.31985	2.98430
7.542	20.379	-.02679	.27572	105.33000	859.15000	-520.19000	9999.00000	.76809	.32014	2.98430
7.566	21.566	-.01782	.27679	105.38000	859.35000	-516.13000	9999.00000	.77981	.32086	2.99350
7.540	23.274	-.01647	.27650	105.53000	860.42000	-511.84000	9999.00000	.80764	.32026	2.98340
7.512	24.340	-.01638	.27565	105.57000	860.56000	-507.56000	9999.00000	.80784	.31961	2.97220
7.525	25.368	-.01549	.27575	105.46000	859.48000	-503.61000	9999.00000	.82374	.32116	2.97760
7.580	26.876	-.01606	.27761	105.42000	858.90000	-499.10000	9999.00000	.84919	.32199	2.99930
7.538	28.100	-.01519	.27595	105.38000	858.37000	-493.47000	9999.00000	.85237	.31985	2.98250
7.507	29.033	-.01617	.27492	105.40000	858.33000	-539.47000	9999.00000	.83865	.31919	2.97020
7.529	29.611	-.01238	.27453	105.08000	855.59000	-562.36000	9999.00000	.83806	.31925	2.97920
7.596	30.807	-.01401	.27631	104.90000	854.00000	-607.24000	9999.00000	.83985	.32158	3.00570
7.653	32.036	-.01620	.27855	104.94000	854.16000	-617.39000	9999.00000	.85137	.32241	3.02800
7.630	33.181	-.01500	.27697	104.74000	852.32000	9999.00000	9999.00000	.84959	.32080	3.01910
7.624	34.181	-.01679	.27632	104.62000	851.18000	9999.00000	9999.00000	.85456	.32187	3.01680
7.695	35.273	-.01519	.27855	104.53000	850.28000	9999.00000	9999.00000	.87006	.32241	3.04460
7.704	36.432	-.00561	.27851	104.43000	849.22000	9999.00000	9999.00000	.88934	.32301	3.04830
7.736	37.659	-.00644	.27969	104.43000	849.01000	9999.00000	9999.00000	.90544	.32342	3.06090
7.658	39.048	-.00533	.27828	104.77000	851.59000	9999.00000	9999.00000	.95494	.32295	3.03000
	GRADIENT	.00008	-.00080	.03760	.13063	4.01504	.00000	.00019	-.00061	-.01051

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0A257 (LARC 20-M6-6559) OV102

(T7E042) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA	=	-.500	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 321/ O RN/L = 2.26 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.253	14.604	-.52597	.09673	117.17000	954.15000	158.99000	9999.00000	.25596	.10880	.89154
2.249	14.701	-.53121	.09666	117.26000	954.60000	160.60000	9999.00000	.25787	.11598	.88972
2.304	14.950	-.51263	.09931	117.23000	949.37000	77.05400	9999.00000	.25953	.09976	.91183
2.248	15.963	-.52563	.09670	117.31000	954.76000	161.99000	9999.00000	.26144	.11602	.88938
2.255	16.708	-.52506	.09663	117.00000	952.08000	163.01000	9999.00000	.26335	.11604	.89225
2.248	17.515	-.52562	.09663	117.24000	953.95000	163.98000	9999.00000	.26550	.11600	.88931
2.250	18.161	-.52552	.09668	117.21000	953.55000	165.04000	9999.00000	.26747	.11602	.89016
2.246	18.966	-.52447	.09667	117.31000	954.20000	166.39000	9999.00000	.26932	.11608	.88885
2.250	19.656	-.52614	.09684	117.31000	954.03000	167.74000	9999.00000	.27123	.11618	.89037
2.262	20.608	-.52418	.09690	116.93000	950.79000	169.31000	9999.00000	.27689	.11616	.89514
2.246	21.452	-.52506	.09678	117.40000	954.52000	170.70000	9999.00000	.27960	.11628	.88857
2.240	22.459	-.52368	.09682	117.64000	956.31000	172.31000	9999.00000	.28218	.11632	.88617
2.247	23.479	-.52527	.09692	117.47000	954.76000	174.00000	9999.00000	.28587	.11638	.88900
2.265	24.595	-.52461	.09703	116.93000	950.26000	175.86000	9999.00000	.28944	.11636	.89603
2.247	25.379	-.52458	.09702	117.54000	955.05000	177.38000	9999.00000	.28969	.11646	.88898
2.249	26.460	-.52458	.09704	117.46000	954.24000	178.18000	9999.00000	.29092	.11658	.88992
2.254	27.545	-.52519	.09719	117.40000	953.63000	177.08000	9999.00000	.28852	.11662	.89195
2.245	28.603	-.52629	.09708	117.63000	955.41000	175.05000	9999.00000	.28778	.11675	.88813
2.249	29.755	-.52535	.09711	117.51000	954.24000	172.22000	9999.00000	.28827	.11673	.88986
2.244	30.759	-.52512	.09716	117.70000	955.70000	168.97000	9999.00000	.29012	.11675	.88801
2.249	31.663	-.52479	.09710	117.49000	953.83000	165.59000	9999.00000	.29147	.11675	.88980
2.255	32.370	-.52438	.09711	117.28000	951.96000	160.98000	9999.00000	.29271	.11683	.89213
2.248	33.127	-.52054	.09712	117.50000	953.63000	156.20000	9999.00000	.29424	.11681	.88960
2.239	33.870	-.51716	.09700	117.72000	955.25000	151.09000	9999.00000	.29720	.11689	.88594
2.248	34.563	-.51860	.09703	117.44000	952.73000	143.31000	9999.00000	.30138	.11703	.88933
2.248	35.505	-.51819	.09703	117.43000	952.45000	135.24000	9999.00000	.31437	.11733	.88939
2.250	36.499	-.51713	.09719	117.48000	952.73000	128.14000	9999.00000	.32877	.11758	.89019
2.259	37.465	-.51819	.09730	117.25000	950.75000	119.86000	9999.00000	.33321	.11804	.89370
2.251	38.330	-.51812	.09768	117.80000	955.05000	111.28000	9999.00000	.33056	.11873	.89086
2.284	39.419	-.51863	.09880	117.57000	953.02000	99.87000	9999.00000	.32330	.11919	.90355
	GRADIENT	.00059	.00010	-.48388	-4.03176	1.66676	.00627	.00320	-.00002	.00630

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7EO42) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.500	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 316/ O RN/L = 7.62 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E043) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 319/0 RN/L = 2.28 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.294	14.408	.48154	.09777	116.68000	951.60000	150.96000	9999.00000	.25645	.11252	.90754
2.291	14.496	.48231	.09767	116.70000	951.39000	152.27000	9999.00000	.25756	.11689	.90630
2.307	14.983	.50346	.09675	115.14000	932.73000	73.82700	9999.00000	.25134	.09959	.91268
2.324	15.053	.50346	.09704	114.80000	930.25000	74.80000	9999.00000	.25399	.10105	.91960
2.285	15.436	.48302	.09761	116.81000	952.04000	153.71000	9999.00000	.26168	.11691	.90419
2.283	16.285	.48328	.09757	116.83000	952.00000	154.77000	9999.00000	.26630	.11699	.90352
2.266	17.592	.48236	.09761	117.46000	956.91000	155.82000	9999.00000	.27129	.11687	.89654
2.269	18.581	.48239	.09752	117.26000	955.05000	157.18000	9999.00000	.27375	.11679	.89787
2.268	19.836	.48254	.09734	117.14000	953.79000	158.87000	9999.00000	.27683	.11662	.89753
2.262	21.088	.48155	.09731	117.32000	955.09000	160.43000	9999.00000	.27935	.11656	.89501
2.263	22.295	.48353	.09722	117.22000	954.03000	161.91000	9999.00000	.28193	.11656	.89526
2.275	23.406	.48161	.09714	116.72000	949.73000	163.81000	9999.00000	.28483	.11654	.90015
2.260	24.441	.48171	.09705	117.17000	953.18000	165.63000	9999.00000	.28612	.11644	.89406
2.272	25.088	.48226	.09702	116.70000	949.16000	167.53000	9999.00000	.28821	.11652	.89902
2.262	26.192	.48146	.09711	117.12000	952.33000	169.35000	9999.00000	.29006	.11654	.89496
2.271	27.741	.48840	.09713	116.79000	949.45000	169.43000	9999.00000	.29031	.11673	.899875
2.279	28.888	.49165	.09714	116.52000	947.09000	167.02000	9999.00000	.29006	.11673	.90184
2.281	29.708	.49179	.09716	116.48000	946.52000	163.64000	9999.00000	.28944	.11675	.90241
2.278	30.570	.49256	.09716	116.55000	946.97000	160.22000	9999.00000	.28926	.11683	.90148
2.282	31.844	.49231	.09723	116.48000	946.24000	155.87000	9999.00000	.29092	.11689	.90278
2.283	33.003	.49258	.09730	116.47000	945.92000	150.79000	9999.00000	.29671	.11693	.90351
2.297	33.802	.49158	.09726	115.99000	941.82000	145.22000	9999.00000	.30200	.11701	.90867
2.299	34.520	.49917	.09745	116.06000	942.18000	138.33000	9999.00000	.30545	.11713	.90947
2.280	35.607	.50210	.09730	116.55000	945.96000	131.14000	9999.00000	.31856	.11719	.90229
2.296	36.905	.50086	.09734	116.04000	941.57000	122.86000	9999.00000	.33161	.11727	.90848
2.305	38.128	.50213	.09734	115.75000	939.02000	114.24000	9999.00000	.32927	.11731	.91186
2.297	39.319	.50283	.09726	115.92000	940.15000	101.98000	9999.00000	.31671	.11707	.90892
	GRADIENT	.00010	-.00008	.43483	3.33282	1.75837	.00000	.00125	-.00010	-.00588

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E043) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 317/ O RN/L = 7.52 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.337	14.345	.55604	.26288	104.28000	857.96000	220.07000	9999.00000	.66512	.27780	2.90290
7.363	14.429	.55449	.26428	104.38000	858.49000	221.54000	9999.00000	.67347	.30844	2.91330
7.550	14.613	.59639	.26975	103.86000	849.91000	99.74300	9999.00000	.67545	.28186	2.98730
7.412	16.412	.55664	.26661	104.52000	859.39000	221.95000	9999.00000	.69295	.31028	2.93290
7.431	17.522	.55558	.26726	104.50000	859.15000	221.67000	9999.00000	.71859	.31046	2.94040
7.415	18.378	.56313	.26699	104.58000	859.64000	221.34000	9999.00000	.72475	.30921	2.93390
7.361	19.351	.56628	.26459	104.45000	858.45000	220.89000	9999.00000	.73032	.30856	2.91250
7.410	21.029	.56615	.26625	104.41000	857.88000	219.99000	9999.00000	.74721	.31011	2.93210
7.419	22.098	.56690	.26635	104.36000	857.27000	219.05000	9999.00000	.76570	.31040	2.93540
7.456	23.196	.56738	.26737	104.26000	856.37000	218.11000	9999.00000	.76610	.31088	2.95020
7.447	24.185	.56645	.26722	104.30000	856.53000	216.84000	9999.00000	.78160	.31124	2.94660
7.492	25.421	.57368	.26872	104.26000	856.08000	215.37000	9999.00000	.80983	.31267	2.96440
7.498	26.350	.57397	.26913	104.31000	856.29000	213.90000	9999.00000	.81400	.31201	2.96690
7.442	27.275	.57435	.26672	104.19000	855.22000	211.82000	9999.00000	.82752	.31011	2.94480
7.446	28.316	.57643	.26617	104.01000	853.55000	209.24000	9999.00000	.82414	.31231	2.94620
7.587	29.278	.57519	.27065	103.86000	852.16000	206.42000	9999.00000	.83229	.31601	3.00190
7.645	30.847	.57666	.27218	103.72000	850.73000	200.99000	9999.00000	.84104	.31660	3.02480
7.671	31.982	.57729	.27261	103.58000	849.42000	195.38000	9999.00000	.84402	.31875	3.03510
7.730	32.883	.57702	.27506	103.66000	849.83000	188.62000	9999.00000	.84660	.31952	3.05860
7.677	34.131	.57754	.27354	103.74000	850.36000	181.10000	9999.00000	.85356	.31797	3.03740
7.682	34.856	.58770	.27287	103.51000	848.28000	171.76000	9999.00000	.85038	.31869	3.03960
7.704	36.498	.58707	.27437	103.69000	849.54000	160.81000	9999.00000	.89193	.31916	3.04810
7.668	37.876	.58587	.27297	103.65000	849.01000	148.26000	9999.00000	.92771	.31821	3.03410
7.643	38.964	.58524	.27238	103.72000	849.42000	133.30000	9999.00000	.95037	.31696	3.02400
	GRADIENT	-.00094	-.00015	.04044	.16174	-1.28420	.00000	.01567	.00036	-.00364

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 (PRE-HEAT TO 185F)

(T7E044) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 338/ 0 RN/L = 2.26 GRADIENT INTERVAL = 23.00/ 25.00 *

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.249	9.703	-.03117	.09638	117.06000	953.67000	207.08000	332.75000	.19610	.10477	.88982
2.244	9.719	-.03242	.09642	117.24000	954.84000	207.40000	325.11000	.19980	.11517	.88799
2.246	9.980	-.02059	.09671	117.21000	950.75000	180.25000	286.48000	.20177	.09810	.88888
2.237	10.639	-.03045	.09638	117.46000	956.35000	207.93000	318.93000	.22731	.11509	.88497
2.238	11.590	-.02923	.09631	117.36000	955.41000	208.02000	313.91000	.23980	.11511	.88538
2.244	12.691	-.02732	.09620	117.05000	952.69000	208.51000	308.66000	.24424	.11495	.88780
2.242	13.563	-.02480	.09616	117.06000	952.61000	209.08000	303.31000	.24928	.11485	.88721
2.242	14.566	-.02551	.09620	117.08000	952.65000	209.40000	297.57000	.25378	.11491	.88727
2.240	15.551	-.02456	.09604	117.05000	952.21000	209.77000	293.99000	.25895	.11497	.88612
2.238	16.623	-.02649	.09602	117.07000	952.25000	210.47000	292.88000	.26165	.11517	.88548
2.230	17.802	-.02448	.09606	117.37000	954.48000	210.88000	292.66000	.26522	.11535	.88249
2.244	18.720	-.02346	.09622	117.03000	951.60000	211.57000	291.78000	.26849	.11584	.88770
2.244	19.732	-.02048	.09658	117.30000	953.63000	212.23000	290.73000	.27267	.11634	.88793
2.259	20.457	-.02077	.09724	117.29000	953.46000	212.84000	288.75000	.27790	.11707	.89394
2.284	21.885	-.02255	.09810	117.13000	952.00000	213.45000	287.70000	.28320	.11772	.90359
2.299	22.810	-.02173	.09881	117.18000	952.25000	214.39000	287.15000	.28652	.11828	.90954
2.311	23.658	-.02059	.09925	117.11000	951.52000	215.45000	286.98000	.28886	.11840	.91431
2.290	24.700	-.02124	.09928	117.82000	957.08000	216.80000	287.04000	.29077	.11849	.90616
2.304	29.685	-.02085	.09926	117.31000	952.65000	214.15000	284.61000	.29440	.11861	.91183
2.289	34.697	-.02060	.09908	117.69000	955.45000	203.60000	280.36000	.31108	.11851	.90562
2.289	39.534	-.02113	.09899	117.62000	954.72000	193.73000	283.61000	.32043	.11806	.90551
	GRADIENT	-.00062	.00003	.68141	5.33708	1.29560	.05779	.00183	.00009	-.00782

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 808

0A257 (LARC 20-M6-6559) DV102

(T7E045) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT..	XMRP =	1076.6800	IN.	X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	Z0
SCALE =	.0100					

BETA	=	.000	, PHI	=	.000
SPDBRK	=	86.600	.AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

PARAMETRIC DATA

RUN NO. 99/ O RN/L = 4.47 GRADIENT INTERVAL = 23.00/ 25.00

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E046) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 179/0 RN/L = 4.47 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.442	-4.002	-.23361	.16418	105.82000	856.91000	81.21900	245.00000	.15959	.19186	1.75740
4.441	-3.900	-.23099	.16426	105.86000	857.25000	81.28700	247.00000	.15968	.19188	1.75720
4.441	-3.700	-.23174	.16443	105.94000	857.92000	81.45700	247.00000	.15979	.19185	1.75710
4.446	-3.500	-.23405	.16465	105.96000	858.08000	81.53700	249.00000	.15990	.19194	1.75900
4.454	-3.300	-.23748	.16476	105.87000	857.35000	81.68300	250.00000	.15997	.19189	1.76250
4.458	-3.100	-.23657	.16482	105.84000	857.09000	81.76500	250.00000	.15994	.19209	1.76400
4.453	-2.900	-.23659	.16486	105.94000	857.92000	81.86500	250.00000	.15982	.19216	1.76190
4.455	-2.700	-.23750	.16503	105.98000	858.24000	81.95800	250.00000	.15985	.19235	1.76280
4.457	-2.500	-.23807	.16510	105.98000	858.30000	82.09600	250.00000	.15982	.19238	1.76340
4.453	-2.300	-.23467	.16520	106.08000	859.09000	82.25500	251.00000	.15975	.19236	1.76210
4.448	-2.100	-.23621	.16510	106.13000	859.51000	82.30300	252.00000	.15943	.19251	1.75980
4.448	-1.900	-.23724	.16516	106.15000	859.67000	82.51200	253.00000	.15976	.19272	1.75990
4.459	-1.700	-.23844	.16520	105.99000	858.46000	82.56600	254.00000	.15969	.19283	1.76420
4.470	-1.500	-.23674	.16538	105.90000	857.73000	82.78100	255.00000	.15958	.19270	1.76850
4.464	-1.300	-.23765	.16537	105.99000	858.41000	82.92500	255.00000	.15950	.19276	1.76630
4.461	-1.100	-.23440	.16541	106.04000	858.90000	83.12100	256.00000	.15934	.19273	1.76520
4.466	-.900	-.23535	.16551	106.02000	858.70000	83.29000	256.00000	.15925	.19272	1.76700
4.463	-.700	-.23431	.16559	106.10000	859.39000	83.51000	256.00000	.15909	.19272	1.76570
4.464	-.500	-.23507	.16568	106.12000	859.54000	83.71200	256.00000	.15907	.19279	1.76630
4.459	-.300	-.23541	.16570	106.20000	860.23000	83.93400	256.00000	.15902	.19295	1.76440
4.470	-.100	-.23512	.16583	106.08000	859.27000	84.15500	256.00000	.15887	.19296	1.76880
4.475	.100	-.23589	.16589	106.03000	858.90000	84.33900	256.00000	.15885	.19303	1.77070
4.473	.300	-.23636	.16603	106.13000	859.66000	84.58800	256.00000	.15885	.19293	1.76990
4.471	.500	-.23562	.16608	106.18000	860.14000	84.76800	256.00000	.15887	.19298	1.76900
4.479	.700	-.23618	.16609	106.05000	859.11000	85.04500	256.00000	.15886	.19306	1.77240
4.488	.900	-.23621	.16620	105.98000	858.48000	85.23300	257.00000	.15898	.19331	1.77560
4.482	1.100	-.23453	.16619	106.05000	859.10000	85.50300	257.00000	.15895	.19330	1.77360
4.486	1.300	-.23400	.16635	106.07000	859.25000	85.65300	258.00000	.15903	.19320	1.77490
4.488	1.500	-.23476	.16630	106.01000	858.76000	85.84600	258.00000	.15912	.19320	1.77590
4.505	1.700	-.23208	.16642	105.80000	857.09000	86.07300	258.00000	.15922	.19335	1.78240
4.496	1.900	-.23391	.16640	105.94000	858.23000	86.21900	259.00000	.15916	.19374	1.77880
4.490	2.100	-.23408	.16651	106.07000	859.31000	86.45800	259.00000	.15930	.19378	1.77670
4.488	2.300	-.23204	.16652	106.10000	859.62000	86.56900	259.00000	.15934	.19373	1.77590
4.486	2.500	-.23160	.16657	106.16000	860.11000	86.73300	259.00000	.15942	.19367	1.77490
4.480	2.700	-.23306	.16652	106.24000	860.73000	86.88600	259.00000	.15953	.19367	1.77260
4.483	2.900	-.23283	.16664	106.24000	860.74000	87.02500	259.00000	.15954	.19363	1.77390
4.487	3.100	-.23230	.16667	106.19000	860.40000	87.13900	259.00000	.15962	.19361	1.77530
4.485	3.300	-.23056	.16673	106.24000	860.77000	87.27100	260.00000	.15966	.19355	1.77480
4.485	3.500	-.22958	.16692	106.33000	861.56000	87.38300	260.00000	.15981	.19364	1.77450
4.484	3.700	-.23115	.16688	106.32000	861.49000	87.54600	260.00000	.15985	.19368	1.77430
4.492	3.900	-.23275	.16684	106.18000	860.37000	87.61700	261.00000	.15992	.19393	1.77740
4.480	4.100	-.22771	.16677	106.35000	861.76000	88.08600	262.00000	.15999	.19386	1.77250

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0A257 (LARC 20-M6-6559) OV102

(T7E046) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

PARAMETRIC DATA

ALPHA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AILRDN	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 179/O RN/L = 4.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.474	4.254	-.23420	.16674	106.43000	862.43000	88.28000	262.00000	.15982	.19370	1.77020
	GRADIENT	-.00091	.00044	.00572	.13143	1.06086	.00000	-.00022	.00014	.00456

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0A257 (LARC 20-M6-6559) OV102

(T7E146) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

LPHA	=	.000	PHI	=	.000
PDPRBK	=	86.600	AILRON	=	.000
YP	=	1.000	1S	=	1.000
LEVON	=	.000	MACH	=	6.000
-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2179/ O RN/L = 4.47 GRADIENT INTERVAL = - .60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL0R	PCEIL	RN
4.442	-4.000	-.23335	.16419	105.82000	856.91000	81.22300	245.00000	.15959	.19186	1.75750
4.439	-3.800	-.23165	.16429	105.92000	857.69000	81.38600	247.00000	.15975	.19183	1.75630
4.444	-3.600	-.23304	.16458	105.95000	857.98000	81.47400	249.00000	.15985	.19189	1.75850
4.447	-3.400	-.23680	.16466	105.94000	857.92000	81.63000	250.00000	.15995	.19193	1.75960
4.460	-3.200	-.23670	.16485	105.82000	856.95000	81.74300	250.00000	.15998	.19195	1.76460
4.454	-3.000	-.23796	.16478	105.88000	857.47000	81.79700	250.00000	.15987	.19213	1.76240
4.453	-2.800	-.23556	.16495	105.97000	858.21000	81.93300	250.00000	.15984	.19226	1.76200
4.455	-2.600	-.23698	.16504	105.98000	858.27000	82.01200	250.00000	.15984	.19238	1.76280
4.456	-2.400	-.23570	.16515	106.02000	858.61000	82.19100	251.00000	.15978	.19233	1.76300
4.451	-2.200	-.23735	.16517	106.10000	859.30000	82.24700	252.00000	.15977	.19245	1.76120
4.445	-2.000	-.23685	.16510	106.16000	859.79000	82.43000	253.00000	.15958	.19262	1.75890
4.454	-1.800	-.23590	.16518	106.06000	858.98000	82.57400	253.00000	.15977	.19280	1.76240
4.463	-1.600	-.23476	.16525	105.94000	858.04000	82.71100	254.00000	.15963	.19275	1.76600
4.467	-1.400	-.23751	.16540	105.94000	858.05000	82.84600	255.00000	.15954	.19271	1.76760
4.461	-1.200	-.23769	.16536	106.02000	858.68000	83.01400	255.00000	.15940	.19274	1.76530
4.464	-1.000	-.23418	.16547	106.03000	858.75000	83.23400	256.00000	.15928	.19269	1.76640
4.463	-.800	-.23864	.16552	106.06000	859.07000	83.38600	256.00000	.15917	.19270	1.76600
4.465	-.600	-.23517	.16568	106.11000	859.46000	83.62900	256.00000	.15904	.19273	1.76660
4.461	-.400	-.23549	.16567	106.16000	859.90000	83.78800	256.00000	.15904	.19288	1.76510
4.464	-.200	-.23460	.16579	106.17000	859.97000	84.04700	256.00000	.15894	.19293	1.76630
4.475	.000	-.23533	.16588	106.04000	858.90000	84.25500	256.00000	.15886	.19300	1.77060
4.473	.200	-.23641	.16592	106.08000	859.29000	84.46300	256.00000	.15885	.19295	1.76990
4.473	.400	-.23718	.16609	106.16000	859.92000	84.68700	256.00000	.15886	.19294	1.76980
4.472	.600	-.23662	.16605	106.16000	859.96000	84.91300	256.00000	.15887	.19303	1.76930
4.485	.800	-.23492	.16616	105.99000	858.62000	85.14200	256.00000	.15893	.19317	1.77470
4.485	1.000	-.23571	.16617	106.00000	858.66000	85.34500	257.00000	.15897	.19334	1.77470
4.484	1.200	-.23490	.16628	106.05000	859.14000	85.57600	257.00000	.15898	.19322	1.77440
4.484	1.400	-.23384	.16634	106.09000	859.43000	85.72700	258.00000	.15908	.19320	1.77420
4.499	1.600	-.23460	.16637	105.86000	857.59000	85.98600	258.00000	.15917	.19321	1.78030
4.503	1.800	-.23137	.16641	105.83000	857.32000	86.12300	259.00000	.15918	.19361	1.78160
4.492	2.000	-.23253	.16646	106.02000	858.95000	86.31400	259.00000	.15917	.19376	1.77720
4.490	2.200	-.23379	.16656	106.09000	859.49000	86.51000	259.00000	.15932	.19379	1.77660
4.488	2.400	-.23253	.16653	106.12000	859.75000	86.65100	259.00000	.15935	.19367	1.77560
4.483	2.600	-.23105	.16656	106.21000	860.48000	86.82600	259.00000	.15950	.19367	1.77370
4.480	2.800	-.23160	.16655	106.24000	860.77000	86.95900	259.00000	.15951	.19366	1.77270
4.487	3.000	-.23383	.16673	106.22000	860.57000	87.10400	259.00000	.15960	.19358	1.77530
4.485	3.200	-.23116	.16664	106.20000	860.47000	87.22000	260.00000	.15964	.19360	1.77480
4.487	3.400	-.22872	.16687	106.28000	861.12000	87.34800	260.00000	.15970	.19354	1.77520
4.482	3.600	-.22916	.16690	106.37000	861.82000	87.47100	260.00000	.15985	.19368	1.77340
4.492	3.800	-.23253	.16689	106.20000	860.50000	87.57800	260.00000	.15987	.19375	1.77750
4.487	4.000	-.23406	.16676	106.23000	860.72000	87.69200	261.00000	.15997	.19397	1.77550
4.476	4.200	-.22710	.16672	106.40000	862.15000	88.23500	262.00000	.15988	.19376	1.77090
	GRADIENT	-.00170	.00037	.01072	.15357	1.08321	.00000	-.00017	.00019	.00377

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OA257 (LARC 20-M6-6559) OV102

(T7E047) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	5.000	PHI	=	.000
SPDBRK	=	86.600	AIRLN	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.0000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 180/ O RN/L = 4.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.481	-4.096	4.71260	.16661	106.24000	860.47000	89.54000	263.00000	.17499	.19369	1.77300
4.475	-3.900	4.71340	.16672	106.39000	861.65000	90.09800	264.00000	.17512	.19350	1.77060
4.468	-3.700	4.71530	.16675	106.51000	862.67000	90.43300	266.00000	.17502	.19352	1.76790
4.473	-3.500	4.71680	.16686	106.48000	862.44000	90.83800	266.00000	.17502	.19360	1.76980
4.471	-3.300	4.71570	.16684	106.50000	862.63000	91.10300	267.00000	.17491	.19366	1.76910
4.476	-3.100	4.71320	.16700	106.49000	862.51000	91.34900	268.00000	.17470	.19376	1.77120
4.480	-2.900	4.71630	.16697	106.41000	861.92000	91.55500	268.00000	.17448	.19380	1.77280
4.481	-2.700	4.71760	.16705	106.44000	862.17000	91.80200	269.00000	.17420	.19381	1.77290
4.473	-2.500	4.71930	.16698	106.52000	862.87000	91.94500	270.00000	.17380	.19395	1.77000
4.484	-2.300	4.72060	.16710	106.41000	861.97000	92.17400	270.00000	.17342	.19407	1.77410
4.487	-2.100	4.72200	.16710	106.36000	861.56000	92.30500	271.00000	.17303	.19423	1.77540
4.495	-1.900	4.72190	.16719	106.28000	860.89000	92.54600	271.00000	.17279	.19434	1.77860
4.498	-1.700	4.72490	.16728	106.26000	860.79000	92.68000	271.00000	.17254	.19445	1.77990
4.492	-1.500	4.72460	.16728	106.37000	861.67000	92.89900	272.00000	.17215	.19450	1.77720
4.484	-1.300	4.72740	.16725	106.48000	862.59000	93.05100	272.00000	.17194	.19441	1.77410
4.479	-1.100	4.72810	.16723	106.55000	863.16000	93.29400	272.00000	.17160	.19429	1.77220
4.485	-.900	4.72810	.16743	106.54000	863.08000	93.50700	272.00000	.17129	.19432	1.77460
4.492	-.700	4.73190	.16750	106.46000	862.48000	93.71700	272.00000	.17102	.19418	1.77730
4.491	-.500	4.73260	.16744	106.44000	862.35000	93.93100	272.00000	.17077	.19417	1.77710
4.486	-.300	4.73360	.16742	106.52000	862.94000	94.11700	273.00000	.17051	.19411	1.77510
4.482	-.100	4.73550	.16745	106.59000	863.56000	94.27200	273.00000	.17023	.19404	1.77350
4.483	.100	4.73640	.16742	106.57000	863.40000	94.41700	274.00000	.17018	.19404	1.77380
4.488	.300	4.73770	.16752	106.54000	863.15000	94.55200	275.00000	.17007	.19402	1.77570
4.481	.500	4.73810	.16739	106.60000	863.65000	94.65500	275.00000	.16985	.19385	1.77290
4.480	.700	4.73980	.16750	106.65000	864.07000	94.83300	275.00000	.16968	.19383	1.77270
4.482	.900	4.74110	.16761	106.66000	864.22000	95.02800	275.00000	.16958	.19399	1.77350
4.482	1.100	4.74150	.16762	106.67000	864.30000	95.23400	275.00000	.16952	.19417	1.77350
4.482	1.300	4.74480	.16757	106.64000	864.08000	95.44800	275.00000	.16944	.19415	1.77360
4.487	1.500	4.74610	.16765	106.61000	863.85000	95.67300	274.00000	.16964	.19408	1.77520
4.487	1.700	4.74550	.16761	106.60000	863.73000	95.88800	274.00000	.16987	.19415	1.77530
4.489	1.900	4.74790	.16773	106.62000	863.93000	96.11300	274.00000	.16982	.19412	1.77600
4.487	2.100	4.74910	.16766	106.62000	863.94000	96.27900	274.00000	.16984	.19420	1.77530
4.492	2.300	4.74900	.16762	106.52000	863.13000	96.56900	274.00000	.16997	.19421	1.77740
4.494	2.500	4.75390	.16753	106.45000	862.62000	96.72000	274.00000	.17000	.19432	1.77810
4.492	2.700	4.75490	.16750	106.47000	862.75000	96.98100	274.00000	.16995	.19419	1.77740
4.499	2.900	4.75630	.16746	106.35000	861.78000	97.17800	274.00000	.16992	.19427	1.78010
4.496	3.100	4.75720	.16745	106.39000	862.17000	97.38900	274.00000	.16983	.19427	1.77880
4.488	3.300	4.75650	.16722	106.42000	862.40000	97.62700	274.00000	.16987	.19408	1.77580
4.476	3.500	4.76300	.16690	106.48000	862.89000	97.88300	274.00000	.16978	.19380	1.77090
4.470	3.700	4.76200	.16675	106.51000	863.16000	98.10900	275.00000	.16960	.19376	1.76850
4.473	3.900	4.76610	.16632	106.28000	861.33000	98.57400	275.00000	.16913	.19358	1.76970
4.461	4.100	4.76850	.16590	106.28000	861.37000	99.06600	276.00000	.16848	.19331	1.76510

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OA257 (LARC 20-M6-6559) OV102

(T7EO47) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 5.000 PHI = .000
 SPDBRK = 86.600 AIRRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 180/0 RN/L = 4.48 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.454	4.249	4.76260	.16561	106.27000	861.29000	99.63800	276.00000	.16804	.19275	1.76240
	GRADIENT		.00581	.00000	.12000	.99572	.72428	3.14286	-.00085	-.00027

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E147) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 5.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2180/ 0 RN/L = 4.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.477	-4.000	4.71910	.16663	106.31000	861.02000	89.92800	264.00000	.17507	.19352	1.77160
4.471	-3.800	4.71550	.16673	106.45000	862.21000	90.27700	264.00000	.17508	.19350	1.76900
4.470	-3.600	4.71450	.16678	106.50000	862.59000	90.64000	266.00000	.17502	.19354	1.76850
4.471	-3.400	4.71600	.16682	106.49000	862.51000	90.97300	266.00000	.17501	.19362	1.76920
4.473	-3.200	4.71490	.16690	106.50000	862.64000	91.23900	267.00000	.17478	.19369	1.76970
4.479	-3.000	4.71500	.16700	106.44000	862.17000	91.46600	268.00000	.17462	.19380	1.77220
4.482	-2.800	4.71700	.16701	106.41000	861.89000	91.67300	269.00000	.17432	.19378	1.77330
4.477	-2.600	4.71630	.16704	106.50000	862.66000	91.89500	269.00000	.17405	.19386	1.77130
4.476	-2.400	4.72230	.16703	106.50000	862.67000	92.07400	270.00000	.17353	.19399	1.77120
4.488	-2.200	4.72090	.16711	106.34000	861.43000	92.22900	270.00000	.17329	.19415	1.77590
4.490	-2.000	4.72400	.16715	106.34000	861.43000	92.43500	271.00000	.17289	.19431	1.77650
4.501	-1.800	4.72170	.16729	106.23000	860.51000	92.62600	271.00000	.17267	.19439	1.78090
4.495	-1.600	4.72620	.16727	106.31000	861.20000	92.77700	272.00000	.17229	.19451	1.77850
4.488	-1.400	4.72480	.16728	106.42000	862.13000	92.97800	272.00000	.17209	.19446	1.77580
4.479	-1.200	4.72800	.16722	106.54000	863.06000	93.16100	272.00000	.17178	.19436	1.77240
4.481	-1.000	4.72890	.16736	106.56000	863.29000	93.44700	272.00000	.17142	.19431	1.77320
4.488	-.800	4.73100	.16747	106.51000	862.88000	93.58900	272.00000	.17114	.19426	1.77570
4.494	-.600	4.73230	.16749	106.43000	862.23000	93.83300	272.00000	.17090	.19416	1.77800
4.487	-.400	4.73350	.16736	106.47000	862.60000	94.01400	273.00000	.17063	.19419	1.77550
4.484	-.200	4.73480	.16745	106.56000	863.29000	94.22100	273.00000	.17032	.19406	1.77440
4.481	.000	4.73580	.16740	106.60000	863.61000	94.33000	274.00000	.17024	.19402	1.77290
4.485	.200	4.73690	.16748	106.55000	863.29000	94.49700	275.00000	.17014	.19403	1.77480
4.485	.400	4.73830	.16744	106.55000	863.27000	94.59400	275.00000	.16993	.19395	1.77450
4.480	.600	4.73910	.16748	106.63000	863.95000	94.75700	275.00000	.16971	.19380	1.77280
4.481	.800	4.74060	.16753	106.65000	864.11000	94.93300	275.00000	.16965	.19392	1.77300
4.482	1.000	4.74260	.16763	106.67000	864.31000	95.14800	275.00000	.16956	.19408	1.77350
4.482	1.200	4.74220	.16759	106.66000	864.20000	95.35900	275.00000	.16950	.19421	1.77340
4.485	1.400	4.74490	.16760	106.62000	863.93000	95.56800	274.00000	.16948	.19411	1.77450
4.488	1.600	4.74450	.16766	106.60000	863.78000	95.79200	274.00000	.16980	.19414	1.77570
4.487	1.800	4.74720	.16766	106.61000	863.85000	96.00200	274.00000	.16985	.19413	1.77550
4.489	2.000	4.74680	.16776	106.62000	863.98000	96.21700	274.00000	.16985	.19417	1.77620
4.487	2.200	4.75050	.16760	106.59000	863.69000	96.43700	274.00000	.16993	.19417	1.77550
4.494	2.400	4.74990	.16759	106.47000	862.74000	96.64700	274.00000	.17001	.19430	1.77830
4.492	2.600	4.75460	.16747	106.46000	862.71000	96.85500	274.00000	.16993	.19424	1.77720
4.497	2.800	4.75340	.16751	106.39000	862.15000	97.05800	274.00000	.17001	.19420	1.77940
4.496	3.000	4.75850	.16739	106.36000	861.88000	97.26900	274.00000	.16983	.19431	1.77900
4.495	3.200	4.75800	.16745	106.41000	862.30000	97.51700	274.00000	.16989	.19417	1.77840
4.479	3.400	4.76260	.16699	106.45000	862.69000	97.74900	274.00000	.16983	.19389	1.77240
4.474	3.600	4.76050	.16688	106.50000	863.04000	98.00800	275.00000	.16968	.19378	1.77020
4.465	3.800	4.76150	.16658	106.51000	863.20000	98.22800	275.00000	.16948	.19367	1.76660
4.472	4.000	4.76710	.16606	106.18000	860.50000	98.85300	276.00000	.16869	.19342	1.76950
4.460	4.200	4.76910	.16571	106.22000	860.92000	99.26300	276.00000	.16838	.19306	1.76460
	GRADIENT	.00573	.00003	.13393	1.16072	.75143	2.67857	-.00092	-.00028	-.00307

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OA257 (LARC 20-M6-6559) OV102

(T7E048) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 181/ O RN/L = 4.50 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.609	-4.226	9.72740	.16944	105.46000	854.47000	91.54400	252.00000	.32127	.19805	1.82380
4.618	-4.100	9.73320	.16961	105.39000	853.94000	92.27100	253.00000	.32019	.19795	1.82730
4.615	-3.900	9.73400	.16961	105.43000	854.30000	92.82400	254.00000	.32130	.19795	1.82620
4.605	-3.700	9.73180	.16955	105.57000	855.42000	93.43300	255.00000	.32075	.19783	1.82210
4.596	-3.500	9.73120	.16936	105.62000	855.83000	93.91900	255.00000	.31893	.19786	1.81870
4.588	-3.300	9.73320	.16908	105.63000	855.92000	94.48100	256.00000	.31520	.19787	1.81550
4.582	-3.100	9.73290	.16879	105.61000	855.75000	94.92400	257.00000	.31295	.19783	1.81300
4.574	-2.900	9.73750	.16819	105.48000	854.73000	95.36500	258.00000	.30935	.19771	1.80980
4.560	-2.700	9.73820	.16743	105.39000	853.97000	95.65100	259.00000	.30811	.19770	1.80410
4.529	-2.500	9.74310	.16630	105.38000	853.92000	95.91800	259.00000	.30475	.19727	1.79210
4.497	-2.300	9.74140	.16530	105.45000	854.54000	96.11800	260.00000	.30314	.19650	1.77940
4.469	-2.100	9.74790	.16443	105.53000	855.19000	96.28800	261.00000	.30025	.19570	1.76810
4.458	-1.900	9.74560	.16412	105.57000	855.53000	96.41600	261.00000	.29697	.19488	1.76380
4.474	-1.700	9.75220	.16508	105.72000	856.73000	96.56900	261.00000	.29510	.19404	1.77030
4.519	-1.500	9.75590	.16709	105.87000	857.92000	96.77100	262.00000	.29311	.19357	1.78820
4.560	-1.300	9.76350	.16890	105.99000	858.93000	96.85300	262.00000	.29156	.19376	1.80440
4.590	-1.100	9.76470	.17009	106.03000	859.23000	97.03200	263.00000	.29158	.19433	1.81630
4.609	-.900	9.77010	.17070	105.99000	858.95000	97.16400	264.00000	.29200	.19515	1.82370
4.600	-.700	9.77040	.17042	106.00000	859.08000	97.31400	264.00000	.29357	.19587	1.82030
4.581	-.500	9.77070	.16952	105.93000	858.51000	97.34800	265.00000	.29637	.19650	1.81260
4.548	-.300	9.77450	.16810	105.85000	857.85000	97.41500	265.00000	.29811	.19669	1.79950
4.522	-.100	9.77600	.16686	105.74000	856.94000	97.42000	266.00000	.29651	.19648	1.78910
4.492	.100	9.77850	.16573	105.72000	856.80000	97.45500	266.00000	.29462	.19597	1.77740
4.468	.300	9.77760	.16455	105.60000	855.84000	97.43800	266.00000	.29444	.19545	1.76780
4.441	.500	9.78120	.16365	105.63000	856.12000	97.45100	267.00000	.29274	.19468	1.75730
4.428	.700	9.78020	.16315	105.63000	856.09000	97.42900	267.00000	.29128	.19377	1.75210
4.409	.900	9.78640	.16265	105.72000	856.81000	97.47900	268.00000	.28970	.19296	1.74460
4.396	1.100	9.78570	.16246	105.85000	857.93000	97.51400	268.00000	.28814	.19242	1.73920
4.386	1.300	9.78770	.16233	105.94000	858.66000	97.59000	268.00000	.28632	.19170	1.73560
4.387	1.500	9.78870	.16259	106.04000	859.50000	97.68500	268.00000	.28537	.19103	1.73580
4.400	1.700	9.79520	.16327	106.13000	860.24000	97.76400	268.00000	.28255	.19055	1.74090
4.418	1.900	9.79640	.16394	106.13000	860.21000	97.93700	268.00000	.27936	.19031	1.74820
4.434	2.100	9.80180	.16445	106.10000	859.96000	98.08700	268.00000	.27468	.19042	1.75440
4.440	2.300	9.80350	.16484	106.17000	860.57000	98.31200	267.00000	.26985	.19054	1.75680
4.443	2.500	9.80830	.16506	106.21000	860.92000	98.44700	267.00000	.26637	.19077	1.75810
4.450	2.700	9.81010	.16528	106.19000	860.75000	98.70300	266.00000	.26180	.19093	1.76090
4.454	2.900	9.81100	.16530	106.14000	860.34000	98.89200	266.00000	.25710	.19114	1.76240
4.449	3.100	9.81390	.16527	106.22000	860.97000	99.11000	266.00000	.25448	.19129	1.76020
4.444	3.300	9.81610	.16517	106.25000	861.25000	99.36400	266.00000	.25163	.19151	1.75830
4.443	3.500	9.81940	.16514	106.25000	861.24000	99.69100	266.00000	.24828	.19161	1.75810
4.444	3.700	9.81880	.16502	106.18000	860.71000	100.01000	267.00000	.24501	.19176	1.75850
4.431	3.900	9.81840	.16450	106.17000	860.64000	100.58000	267.00000	.24193	.19193	1.75330

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OA257 (LARC 20-M6-6559) OV102

(T7EO4B) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 181/0 RN/L = 4.50 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.388	4.100	9.82290	.16281	106.12000	860.30000	101.94000	268.00000	.23332	.19117	1.73640
	GRADIENT	.00919	-.00588	-.32429	-2.58857	.08843	1.85714	-.00444	-.00190	-.05476

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E148) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2181/ O RN/L = 4.49 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.612	-4.200	9.72970	.16949	105.43000	854.28000	91.87000	252.00000	.31998	.19803	1.82490
4.621	-4.000	9.73410	.16968	105.38000	853.87000	92.55600	253.00000	.32093	.19796	1.82840
4.609	-3.800	9.73500	.16958	105.52000	854.97000	93.12900	254.00000	.32110	.19786	1.82380
4.602	-3.600	9.73160	.16950	105.60000	855.65000	93.69100	255.00000	.32017	.19781	1.82080
4.592	-3.400	9.73270	.16922	105.63000	855.92000	94.20200	256.00000	.31713	.19787	1.81700
4.586	-3.200	9.73350	.16897	105.63000	855.91000	94.70400	256.00000	.31405	.19785	1.81440
4.580	-3.000	9.73750	.16850	105.52000	855.04000	95.10700	257.00000	.31117	.19777	1.81210
4.568	-2.800	9.73780	.16791	105.45000	854.50000	95.51700	258.00000	.30908	.19773	1.80760
4.546	-2.600	9.74050	.16687	105.36000	853.80000	95.77500	259.00000	.30671	.19754	1.79860
4.513	-2.400	9.74310	.16579	105.41000	854.16000	96.01300	260.00000	.30359	.19690	1.78580
4.481	-2.200	9.74310	.16484	105.51000	854.98000	96.23200	260.00000	.30148	.19613	1.77310
4.460	-2.000	9.74680	.16418	105.55000	855.36000	96.36800	261.00000	.29878	.19531	1.76480
4.462	-1.800	9.74750	.16441	105.63000	855.98000	96.47300	261.00000	.29585	.19446	1.76550
4.495	-1.600	9.75570	.16603	105.80000	857.36000	96.67500	262.00000	.29425	.19371	1.77850
4.544	-1.400	9.75650	.16816	105.93000	858.43000	96.77500	262.00000	.29214	.19361	1.79810
4.574	-1.200	9.76510	.16951	106.04000	859.36000	96.97500	263.00000	.29155	.19398	1.80970
4.604	-1.000	9.76600	.17052	105.99000	858.99000	97.08500	263.00000	.29160	.19475	1.82170
4.607	-.800	9.77320	.17066	106.00000	859.04000	97.22600	264.00000	.29254	.19550	1.82300
4.594	-.600	9.77140	.17010	105.97000	858.78000	97.35500	265.00000	.29499	.19625	1.81790
4.563	-.400	9.77370	.16879	105.90000	858.25000	97.39200	265.00000	.29775	.19666	1.80560
4.535	-.200	9.77390	.16747	105.79000	857.36000	97.43900	266.00000	.29746	.19664	1.79430
4.507	.000	9.78020	.16629	105.72000	856.84000	97.42000	266.00000	.29525	.19622	1.78340
4.480	.200	9.77790	.16511	105.65000	856.27000	97.45100	266.00000	.29455	.19570	1.77250
4.456	.400	9.78100	.16407	105.58000	855.70000	97.42600	266.00000	.29368	.19510	1.76310
4.432	.600	9.78030	.16338	105.66000	856.38000	97.44000	267.00000	.29215	.19421	1.75370
4.421	.800	9.78340	.16288	105.63000	856.08000	97.44500	267.00000	.29016	.19335	1.74920
4.400	1.000	9.78500	.16252	105.80000	857.53000	97.52400	268.00000	.28921	.19267	1.74100
4.390	1.200	9.78660	.16239	105.90000	858.31000	97.53100	268.00000	.28701	.19208	1.73720
4.385	1.400	9.78810	.16238	105.98000	859.02000	97.62700	268.00000	.28581	.19131	1.73510
4.391	1.600	9.79160	.16287	106.09000	859.90000	97.71300	268.00000	.28431	.19080	1.73760
4.407	1.800	9.79730	.16360	106.16000	860.49000	97.83500	268.00000	.28095	.19036	1.74370
4.429	2.000	9.79810	.16424	106.09000	859.88000	98.01400	268.00000	.27719	.19036	1.75240
4.437	2.200	9.80350	.16463	106.13000	860.21000	98.19500	268.00000	.27205	.19045	1.75550
4.442	2.400	9.80370	.16498	106.19000	860.76000	98.37800	267.00000	.26820	.19067	1.75760
4.447	2.600	9.80980	.16521	106.21000	860.92000	98.58500	266.00000	.26425	.19083	1.75970
4.453	2.800	9.80900	.16528	106.15000	860.45000	98.79300	266.00000	.25919	.19105	1.76190
4.453	3.000	9.81270	.16530	106.16000	860.53000	99.02900	266.00000	.25569	.19122	1.76190
4.445	3.200	9.81530	.16522	106.26000	861.29000	99.25300	266.00000	.25338	.19139	1.75870
4.444	3.400	9.81820	.16515	106.24000	861.18000	99.52200	266.00000	.24995	.19156	1.75840
4.445	3.600	9.81940	.16510	106.20000	860.87000	99.83400	266.00000	.24662	.19169	1.75890
4.440	3.800	9.82090	.16492	106.21000	860.96000	100.22000	267.00000	.24375	.19183	1.75670
4.411	4.000	9.82710	.16343	106.03000	859.52000	101.31000	268.00000	.23569	.19165	1.74530

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OA257 (LARC 20-M6-6559) OV102

(T7E148) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2181/ 0 RN/L = 4.49 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.380	4.135	9.82050	.16252	106.14000	860.40000	102.17000	268.00000	.23225	.19091	1.73300
GRADIENT		.00809	-.00571	-.30536	-2.39106	.05982	1.42857	-.00349	-.00182	-.05346

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102

(T7E049) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	12.500	PHI	=	.000
SPDBRK	=	86.600	AIRRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 182/ O RN/L = 4.43 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.447	-4.164	12.19600	.16343	105.45000	854.42000	92.62200	231.00000	.39848	.19230	1.75940
4.441	-4.000	12.20400	.16340	105.51000	854.97000	93.47600	232.00000	.39784	.19201	1.75730
4.445	-3.800	12.20300	.16356	105.52000	855.03000	94.09500	233.00000	.39704	.19186	1.75890
4.447	-3.600	12.20400	.16376	105.59000	855.57000	94.72900	233.00000	.39699	.19169	1.75940
4.453	-3.400	12.20800	.16384	105.51000	854.97000	95.27200	234.00000	.39766	.19183	1.76210
4.452	-3.200	12.21100	.16384	105.54000	855.19000	95.79500	235.00000	.39710	.19193	1.76150
4.449	-3.000	12.21300	.16382	105.58000	855.50000	96.17600	236.00000	.39717	.19188	1.76040
4.444	-2.800	12.21700	.16373	105.62000	855.86000	96.50800	236.00000	.39798	.19180	1.75830
4.439	-2.600	12.21900	.16368	105.68000	856.37000	96.71700	237.00000	.39809	.19179	1.75630
4.432	-2.400	12.22400	.16356	105.73000	856.74000	96.87700	238.00000	.39748	.19174	1.75380
4.432	-2.200	12.22600	.16350	105.71000	856.62000	97.07000	239.00000	.39721	.19169	1.75360
4.432	-2.000	12.22900	.16348	105.71000	856.61000	97.20600	240.00000	.39739	.19151	1.75350
4.437	-1.800	12.23300	.16359	105.68000	856.36000	97.41400	241.00000	.39755	.19139	1.75550
4.433	-1.600	12.23600	.16363	105.75000	856.97000	97.54400	241.00000	.39674	.19118	1.75400
4.429	-1.400	12.24000	.16363	105.82000	857.51000	97.72100	242.00000	.39569	.19121	1.75240
4.424	-1.200	12.24400	.16359	105.87000	857.97000	97.86000	242.00000	.39450	.19129	1.75060
4.435	-1.000	12.24500	.16376	105.78000	857.25000	98.00000	243.00000	.39551	.19129	1.75470
4.433	-.800	12.25200	.16367	105.76000	857.10000	98.08200	244.00000	.39575	.19119	1.75420
4.432	-.600	12.25100	.16368	105.78000	857.26000	98.18200	245.00000	.39685	.19124	1.75380
4.432	-.400	12.25600	.16343	105.69000	856.51000	98.22000	245.00000	.39722	.19157	1.75350
4.431	-.200	12.25700	.16337	105.68000	856.44000	98.28100	245.00000	.39678	.19150	1.75310
4.425	.000	12.26300	.16334	105.75000	857.05000	98.27700	246.00000	.39540	.19129	1.75100
4.430	.200	12.26200	.16345	105.72000	856.82000	98.35900	247.00000	.39450	.19128	1.75280
4.428	.400	12.27000	.16340	105.74000	856.94000	98.33800	247.00000	.39350	.19112	1.75200
4.425	.600	12.27000	.16340	105.77000	857.25000	98.43600	247.00000	.39350	.19068	1.75100
4.421	.800	12.27400	.16332	105.81000	857.56000	98.43300	248.00000	.39310	.19071	1.74930
4.422	1.000	12.27400	.16343	105.85000	857.86000	98.53400	248.00000	.39336	.19090	1.74950
4.418	1.200	12.28200	.16349	105.94000	858.60000	98.53000	248.00000	.39226	.19093	1.74790
4.421	1.400	12.28300	.16364	105.95000	858.72000	98.62000	248.00000	.39186	.19082	1.74920
4.418	1.600	12.28600	.16353	105.95000	858.73000	98.67200	247.00000	.39086	.19078	1.74810
4.418	1.800	12.28800	.16360	105.98000	858.97000	98.84200	247.00000	.39041	.19068	1.74810
4.415	2.000	12.29300	.16365	106.05000	859.52000	98.91500	247.00000	.38923	.19069	1.74700
4.415	2.200	12.29500	.16361	106.04000	859.43000	99.05700	247.00000	.38799	.19067	1.74690
4.414	2.400	12.30100	.16357	106.03000	859.38000	99.21200	247.00000	.38767	.19069	1.74670
4.414	2.600	12.30100	.16355	106.04000	859.44000	99.37200	248.00000	.38737	.19059	1.74640
4.411	2.800	12.30600	.16351	106.06000	859.67000	99.50900	248.00000	.38586	.19056	1.74520
4.415	3.000	12.30900	.16350	105.99000	859.05000	99.75600	249.00000	.38364	.19051	1.74700
4.411	3.200	12.31000	.16341	106.02000	859.31000	99.90400	249.00000	.38154	.19056	1.74530
4.411	3.400	12.31300	.16337	106.00000	859.20000	100.14000	249.00000	.37962	.19074	1.74530
4.408	3.600	12.31600	.16321	105.97000	858.96000	100.31000	250.00000	.37693	.19090	1.74430
4.402	3.800	12.31900	.16313	106.04000	859.49000	100.63000	251.00000	.37323	.19095	1.74180
4.388	4.000	12.32000	.16298	106.19000	860.77000	101.51000	252.00000	.36509	.19034	1.73640
	GRADIENT	.01607	-.00015	.01964	.21608	.19214	2.14286	-.00353	-.00050	-.00209

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OA257 (LARC 20-M6-6559) OV102

(T7E149) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 12.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2182/0 RN/L = 4.43 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.443	-4.100	12.20400	.16338	105.48000	854.72000	93.05500	231.00000	.39828	.19216	1.75790
4.443	-3.900	12.20300	.16347	105.52000	855.01000	93.79700	232.00000	.39731	.19191	1.75800
4.447	-3.700	12.20600	.16369	105.56000	855.34000	94.41400	233.00000	.39647	.19175	1.75940
4.450	-3.500	12.20600	.16383	105.57000	855.46000	95.05200	234.00000	.39751	.19173	1.76060
4.452	-3.300	12.21000	.16381	105.52000	855.03000	95.54000	234.00000	.39742	.19192	1.76160
4.450	-3.100	12.21200	.16383	105.57000	855.42000	96.03200	235.00000	.39657	.19188	1.76070
4.448	-2.900	12.21600	.16379	105.58000	855.53000	96.34600	236.00000	.39812	.19183	1.75990
4.441	-2.700	12.21900	.16369	105.65000	856.12000	96.61600	237.00000	.39791	.19178	1.75710
4.435	-2.500	12.22200	.16360	105.71000	856.60000	96.79500	238.00000	.39792	.19177	1.75470
4.432	-2.300	12.22500	.16353	105.73000	856.74000	97.01000	239.00000	.39736	.19174	1.75360
4.432	-2.100	12.22800	.16347	105.70000	856.54000	97.11000	239.00000	.39716	.19161	1.75350
4.434	-1.900	12.23100	.16353	105.69000	856.51000	97.33600	240.00000	.39735	.19144	1.75430
4.436	-1.700	12.23500	.16364	105.71000	856.61000	97.45600	241.00000	.39704	.19128	1.75520
4.431	-1.500	12.23900	.16364	105.79000	857.28000	97.66200	242.00000	.39644	.19117	1.75320
4.425	-1.300	12.24000	.16357	105.85000	857.79000	97.78300	242.00000	.39483	.19128	1.75090
4.429	-1.100	12.24300	.16371	105.85000	857.81000	97.93100	243.00000	.39492	.19126	1.75240
4.435	-.900	12.24800	.16372	105.76000	857.05000	98.01100	243.00000	.39522	.19127	1.75480
4.433	-.700	12.25000	.16368	105.78000	857.24000	98.15100	244.00000	.39623	.19116	1.75390
4.433	-.500	12.25200	.16355	105.72000	856.73000	98.19000	245.00000	.39716	.19144	1.75410
4.431	-.300	12.25500	.16340	105.68000	856.47000	98.25600	245.00000	.39672	.19157	1.75330
4.428	-.100	12.25900	.16334	105.71000	856.68000	98.26100	246.00000	.39613	.19140	1.75210
4.427	.100	12.26300	.16339	105.75000	857.01000	98.32300	246.00000	.39498	.19125	1.75160
4.430	.300	12.26500	.16343	105.72000	856.81000	98.33500	247.00000	.39393	.19129	1.75270
4.426	.500	12.27200	.16336	105.75000	857.05000	98.38900	247.00000	.39314	.19083	1.75120
4.424	.700	12.27100	.16338	105.79000	857.38000	98.41900	247.00000	.39342	.19066	1.75050
4.421	.900	12.27500	.16333	105.82000	857.60000	98.46700	248.00000	.39299	.19079	1.74930
4.421	1.100	12.27800	.16350	105.89000	858.19000	98.49300	248.00000	.39363	.19093	1.74930
4.418	1.300	12.28400	.16354	105.96000	858.79000	98.60500	248.00000	.39043	.19089	1.74800
4.422	1.500	12.28400	.16363	105.94000	858.61000	98.63600	247.00000	.39154	.19082	1.74950
4.417	1.700	12.28900	.16351	105.97000	858.86000	98.73000	247.00000	.39060	.19071	1.74750
4.420	1.900	12.29000	.16368	105.99000	859.04000	98.84500	247.00000	.39049	.19069	1.74880
4.413	2.100	12.29500	.16360	106.06000	859.63000	98.97600	247.00000	.38850	.19067	1.74620
4.417	2.300	12.29500	.16361	106.01000	859.23000	99.12600	247.00000	.38763	.19067	1.74750
4.412	2.500	12.30300	.16353	106.04000	859.50000	99.30500	248.00000	.38784	.19062	1.74590
4.414	2.700	12.30100	.16359	106.04000	859.51000	99.46000	248.00000	.38658	.19060	1.74650
4.413	2.900	12.30800	.16350	106.03000	859.40000	99.63600	248.00000	.38511	.19052	1.74600
4.415	3.100	12.30800	.16347	105.98000	859.04000	99.81400	249.00000	.38232	.19055	1.74680
4.407	3.300	12.31700	.16335	106.06000	859.68000	100.00000	249.00000	.38068	.19062	1.74360
4.412	3.500	12.31500	.16331	105.96000	858.86000	100.22000	250.00000	.37799	.19082	1.74560
4.405	3.700	12.32000	.16315	106.00000	859.22000	100.46000	251.00000	.37516	.19096	1.74290
4.396	3.900	12.31600	.16306	106.11000	860.13000	100.89000	252.00000	.36990	.19075	1.73920
4.386	4.039	12.32400	.16290	106.20000	860.85000	101.73000	252.00000	.36370	.19019	1.73540
	GRADIENT	.01914	-.00012	.04429	.42143	.18486	2.28571	-.00423	-.00058	-.00240

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OA257 (LARC 20-M6-6559) OV102

(T7E050) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 148/ 0 RN/L = 2.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.293	-2.278	14.80500	.09926	117.74000	956.94000	90.21400	.00000	.25773	.11984	.90723
2.296	-2.100	14.80700	.09926	117.64000	956.11000	90.42400	.00000	.25765	.11977	.90846
2.297	-1.900	14.81100	.09907	117.46000	954.70000	90.73900	.00000	.25721	.11976	.90882
2.289	-1.700	14.81300	.09885	117.56000	955.54000	91.01700	.00000	.25742	.11971	.90565
2.286	-1.500	14.82300	.09864	117.49000	954.99000	91.23700	.00000	.25734	.11964	.90450
2.281	-1.300	14.82000	.09849	117.55000	955.53000	91.45800	.00000	.25712	.11961	.90246
2.276	-1.100	14.82900	.09827	117.56000	955.61000	91.68500	.00000	.25658	.11952	.90038
2.278	-.900	14.83100	.09813	117.36000	954.01000	91.85500	.00000	.25649	.11936	.90144
2.274	-.700	14.83200	.09797	117.37000	954.13000	92.02100	.00000	.25591	.11917	.89983
2.265	-.500	14.83700	.09775	117.50000	955.27000	92.17500	.00000	.25534	.11899	.89622
2.259	-.300	14.83900	.09757	117.58000	955.90000	92.31200	.00000	.25503	.11887	.89376
2.254	-.100	14.84500	.09744	117.65000	956.54000	92.41200	.00000	.25480	.11874	.89175
2.253	.100	14.84900	.09723	117.53000	955.59000	92.48400	.00000	.25432	.11861	.89127
2.246	.300	14.85000	.09719	117.74000	957.28000	92.60700	.00000	.25485	.11849	.88851
2.243	.500	14.85700	.09716	117.80000	957.86000	92.71600	.00000	.25455	.11831	.88752
2.239	.700	14.86100	.09710	117.91000	958.75000	92.79700	.00000	.25422	.11818	.88584
2.235	.900	14.86300	.09711	118.04000	959.82000	92.92300	.00000	.25283	.11803	.88448
2.232	1.100	14.87000	.09708	118.12000	960.56000	93.02900	.00000	.25258	.11792	.88325
2.238	1.300	14.87100	.09709	117.95000	959.17000	93.14600	.00000	.25143	.11784	.88535
2.240	1.500	14.87500	.09709	117.85000	958.41000	93.26500	.00000	.25012	.11773	.88643
2.240	1.700	14.88100	.09706	117.84000	958.31000	93.38200	.00000	.24967	.11766	.88630
2.240	1.900	14.88000	.09711	117.88000	958.65000	93.53400	.00000	.24985	.11757	.88638
2.240	2.100	14.88500	.09702	117.81000	958.18000	93.68200	.00000	.24925	.11751	.88624
2.238	2.300	14.88500	.09700	117.87000	958.66000	93.83100	.00000	.24908	.11747	.88544
2.236	2.500	14.89000	.09699	117.92000	959.06000	94.06000	.00000	.24947	.11742	.88491
2.243	2.672	14.89100	.09699	117.70000	957.30000	94.16500	.00000	.24898	.11740	.88737
GRADIENT		.01957	-.00061	.26571	2.30571	.52314	.00000	-.00071	-.00067	-.00853

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0A257 (LARC 20-M6-6559) OV102

(T7E050) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 112/0 RN/L = 7.43 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.458	-4.426	14.37300	.27194	105.24000	860.36000	132.88000	9999.00000	.00000	.00000	2.95080
7.435	-4.300	14.38400	.27114	105.25000	860.46000	133.76000	9999.00000	.00000	.00000	2.94180
7.452	-4.100	14.38000	.27188	105.28000	860.72000	134.46000	9999.00000	.00000	.00000	2.94860
7.447	-3.900	14.38400	.27187	105.33000	861.09000	135.25000	9999.00000	.00000	.00000	2.94670
7.461	-3.700	14.39000	.27227	105.30000	860.87000	135.94000	9999.00000	.00000	.00000	2.95230
7.459	-3.500	14.39400	.27226	105.32000	861.09000	136.67000	9999.00000	.00000	.00000	2.95120
7.462	-3.300	14.39600	.27230	105.30000	860.95000	137.38000	9999.00000	.00000	.00000	2.95250
7.460	-3.100	14.40300	.27234	105.33000	861.18000	138.21000	9999.00000	.00000	.00000	2.95180
7.474	-2.900	14.40800	.27306	105.38000	861.64000	138.92000	9999.00000	.00000	.00000	2.95740
7.471	-2.700	14.41100	.27291	105.38000	861.64000	139.65000	9999.00000	.00000	.00000	2.95590
7.466	-2.500	14.41800	.27255	105.33000	861.27000	140.36000	9999.00000	.00000	.00000	2.95410
7.466	-2.300	14.41700	.27252	105.32000	861.21000	141.13000	9999.00000	.00000	.00000	2.95420
7.479	-2.100	14.42600	.27300	105.33000	861.26000	141.83000	9999.00000	.00000	.00000	2.95930
7.478	-1.900	14.42800	.27292	105.32000	861.23000	142.61000	9999.00000	.00000	.00000	2.95870
7.486	-1.700	14.43500	.27305	105.28000	860.90000	143.32000	9999.00000	.00000	.00000	2.96200
7.503	-1.500	14.43600	.27329	105.18000	860.10000	144.01000	9999.00000	.00000	.00000	2.96880
7.487	-1.300	14.44500	.27272	105.18000	860.14000	144.68000	9999.00000	.00000	.00000	2.96260
7.476	-1.100	14.44300	.27269	105.28000	860.95000	145.32000	9999.00000	.00000	.00000	2.95820
7.458	-.900	14.44900	.27238	105.37000	861.69000	145.74000	9999.00000	.00000	.00000	2.95110
7.466	-.700	14.44900	.27274	105.39000	861.92000	146.07000	9999.00000	.00000	.00000	2.95400
7.452	-.500	14.45500	.27234	105.42000	862.18000	146.25000	9999.00000	.00000	.00000	2.94850
7.475	-.300	14.45800	.27297	105.37000	861.75000	146.46000	9999.00000	.00000	.00000	2.95770
7.480	-.100	14.46400	.27313	105.36000	861.74000	146.63000	9999.00000	.00000	.00000	2.95950
7.458	.100	14.46400	.27247	105.40000	862.05000	146.91000	9999.00000	.00000	.00000	2.95100
7.437	.300	14.46800	.27173	105.40000	862.08000	147.20000	9999.00000	.00000	.00000	2.94280
7.450	.500	14.47200	.27207	105.37000	861.90000	147.56000	9999.00000	.00000	.00000	2.94770
7.429	.700	14.47500	.27138	105.39000	862.05000	147.89000	9999.00000	.00000	.00000	2.93960
7.417	.900	14.47600	.27104	105.42000	862.29000	148.35000	9999.00000	.00000	.00000	2.93470
7.400	1.100	14.48100	.27056	105.46000	862.65000	148.72000	9999.00000	.00000	.00000	2.92780
7.388	1.300	14.48200	.27017	105.47000	862.75000	149.12000	9999.00000	.00000	.00000	2.92320
7.379	1.500	14.48600	.26986	105.47000	862.79000	149.47000	9999.00000	.00000	.00000	2.91980
7.360	1.700	14.48700	.26911	105.46000	862.72000	149.93000	9999.00000	.00000	.00000	2.91220
7.368	1.900	14.49300	.26922	105.42000	862.37000	150.33000	9999.00000	.00000	.00000	2.91540
7.356	2.100	14.49400	.26902	105.48000	862.91000	150.82000	9999.00000	.00000	.00000	2.91050
7.355	2.300	14.49900	.26918	105.54000	863.38000	151.34000	9999.00000	.00000	.00000	2.91000
7.362	2.500	14.50200	.26968	105.59000	863.87000	151.90000	9999.00000	.00000	.00000	2.91310
7.348	2.700	14.50400	.26937	105.64000	864.31000	152.51000	9999.00000	.00000	.00000	2.90760
7.347	2.900	14.50700	.26919	105.62000	864.10000	153.10000	9999.00000	.00000	.00000	2.90690
7.346	3.100	14.51000	.26904	105.59000	863.87000	153.77000	9999.00000	.00000	.00000	2.90660
7.341	3.300	14.51200	.26879	105.57000	863.75000	154.33000	9999.00000	.00000	.00000	2.90460
7.328	3.500	14.51500	.26843	105.60000	864.04000	154.93000	9999.00000	.00000	.00000	2.89940
7.330	3.700	14.51800	.26845	105.59000	863.92000	155.52000	9999.00000	.00000	.00000	2.90030

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E050) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 112/0 RN/L = 7.43 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.335	3.847	14.51400	.26866	105.59000	863.99000	156.20000	9999.00000	.00000	.00000	2.90240
	GRADIENT	.01643	-.00082	-.01714	-.01428	1.29286	.00000	.00000	.00000	-.00817

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) 0V102

(T7E150) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2148/ 0 RN/L = 2.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.294	-2.200	14.80800	.09927	117.71000	956.69000	90.31800	.00000	.25764	.11981	.90770
2.298	-2.000	14.80600	.09919	117.50000	955.01000	90.60100	.00000	.25751	.11976	.90943
2.293	-1.800	14.81500	.09897	117.50000	955.06000	90.88700	.00000	.25710	.11973	.90741
2.287	-1.600	14.81800	.09873	117.54000	955.41000	91.12800	.00000	.25760	.11970	.90476
2.284	-1.400	14.82100	.09859	117.52000	955.29000	91.37600	.00000	.25721	.11961	.90365
2.276	-1.200	14.82700	.09832	117.58000	955.79000	91.55000	.00000	.25689	.11959	.90057
2.278	-1.000	14.82800	.09823	117.46000	954.81000	91.75700	.00000	.25650	.11945	.90116
2.277	-.800	14.83300	.09805	117.34000	953.88000	91.96600	.00000	.25625	.11924	.90093
2.270	-.600	14.83700	.09785	117.42000	954.57000	92.10600	.00000	.25549	.11910	.89820
2.262	-.400	14.84000	.09767	117.54000	955.54000	92.26900	.00000	.25507	.11892	.89521
2.255	-.200	14.84500	.09749	117.65000	956.51000	92.36100	.00000	.25509	.11881	.89219
2.255	.000	14.84500	.09737	117.55000	955.74000	92.44300	.00000	.25439	.11868	.89222
2.249	.200	14.85000	.09720	117.63000	956.39000	92.55400	.00000	.25462	.11855	.88984
2.242	.400	14.85700	.09713	117.80000	957.85000	92.63200	.00000	.25497	.11840	.88726
2.242	.600	14.85700	.09715	117.83000	958.10000	92.77800	.00000	.25441	.11824	.88711
2.236	.800	14.86300	.09709	117.98000	959.36000	92.84900	.00000	.25362	.11810	.88491
2.233	1.000	14.86400	.09709	118.09000	960.29000	92.93900	.00000	.25258	.11799	.88362
2.234	1.200	14.87300	.09709	118.08000	960.20000	93.09400	.00000	.25219	.11787	.88386
2.239	1.400	14.87500	.09707	117.87000	958.52000	93.17800	.00000	.25064	.11779	.88602
2.241	1.600	14.87600	.09711	117.84000	958.32000	93.31900	.00000	.24984	.11769	.88679
2.239	1.800	14.88200	.09707	117.88000	958.63000	93.45200	.00000	.24962	.11761	.88601
2.240	2.000	14.88500	.09706	117.85000	958.46000	93.60400	.00000	.24970	.11756	.88620
2.239	2.200	14.88500	.09701	117.83000	958.31000	93.78300	.00000	.24895	.11748	.88597
2.237	2.400	14.88900	.09699	117.91000	958.96000	93.92200	.00000	.24937	.11746	.88496
2.241	2.600	14.89100	.09703	117.77000	957.89000	94.10100	.00000	.24927	.11741	.88686
	GRADIENT	.01768	-.00062	.30893	2.69464	.52411	.00000	-.00070	-.00069	-.00920

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E150) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2112/ 0 RN/L = 7.43 GRADIENT INTERVAL = -.60/ .60,

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.445	-4.400	14.37700	.27153	105.26000	860.46000	133.24000	9999.00000	.00000	.00000	2.94590
7.445	-4.200	14.37900	.27151	105.26000	860.51000	134.15000	9999.00000	.00000	.00000	2.94570
7.446	-4.000	14.38200	.27174	105.31000	860.93000	134.81000	9999.00000	.00000	.00000	2.94600
7.458	-3.800	14.38600	.27221	105.31000	860.99000	135.61000	9999.00000	.00000	.00000	2.95100
7.459	-3.600	14.39300	.27222	105.31000	860.98000	136.30000	9999.00000	.00000	.00000	2.95120
7.463	-3.400	14.39500	.27239	105.31000	861.01000	137.02000	9999.00000	.00000	.00000	2.95310
7.458	-3.200	14.40200	.27221	105.31000	861.04000	137.81000	9999.00000	.00000	.00000	2.95110
7.473	-3.000	14.40300	.27288	105.35000	861.37000	138.55000	9999.00000	.00000	.00000	2.95680
7.470	-2.800	14.41200	.27292	105.39000	861.71000	139.26000	9999.00000	.00000	.00000	2.95560
7.472	-2.600	14.41100	.27284	105.35000	861.38000	140.03000	9999.00000	.00000	.00000	2.95650
7.464	-2.400	14.42000	.27250	105.33000	861.29000	140.72000	9999.00000	.00000	.00000	2.95350
7.478	-2.200	14.41900	.27297	105.33000	861.29000	141.51000	9999.00000	.00000	.00000	2.95870
7.472	-2.000	14.42700	.27275	105.33000	861.32000	142.26000	9999.00000	.00000	.00000	2.95630
7.485	-1.800	14.42900	.27317	105.31000	861.17000	142.95000	9999.00000	.00000	.00000	2.96170
7.492	-1.600	14.44000	.27304	105.22000	860.46000	143.68000	9999.00000	.00000	.00000	2.96420
7.503	-1.400	14.43600	.27319	105.15000	859.89000	144.36000	9999.00000	.00000	.00000	2.96890
7.480	-1.200	14.44700	.27264	105.23000	860.54000	145.01000	9999.00000	.00000	.00000	2.95960
7.469	-1.000	14.44600	.27264	105.33000	861.40000	145.55000	9999.00000	.00000	.00000	2.95540
7.460	-.800	14.44900	.27248	105.38000	861.81000	145.94000	9999.00000	.00000	.00000	2.95170
7.461	-.600	14.45100	.27265	105.41000	862.10000	146.16000	9999.00000	.00000	.00000	2.95210
7.466	-.400	14.45900	.27269	105.37000	861.78000	146.36000	9999.00000	.00000	.00000	2.95430
7.474	-.200	14.45700	.27300	105.38000	861.91000	146.55000	9999.00000	.00000	.00000	2.95720
7.474	.000	14.46500	.27291	105.36000	861.73000	146.76000	9999.00000	.00000	.00000	2.95730
7.443	.200	14.46600	.27197	105.41000	862.18000	147.01000	9999.00000	.00000	.00000	2.94490
7.448	.400	14.47100	.27199	105.37000	861.82000	147.40000	9999.00000	.00000	.00000	2.94710
7.433	.600	14.47200	.27154	105.40000	862.08000	147.71000	9999.00000	.00000	.00000	2.94100
7.424	.800	14.47600	.27124	105.40000	862.14000	148.16000	9999.00000	.00000	.00000	2.93760
7.408	1.000	14.47700	.27077	105.44000	862.46000	148.53000	9999.00000	.00000	.00000	2.93110
7.394	1.200	14.48200	.27039	105.47000	862.75000	148.94000	9999.00000	.00000	.00000	2.92560
7.384	1.400	14.48500	.27000	105.47000	862.73000	149.26000	9999.00000	.00000	.00000	2.92150
7.360	1.600	14.48600	.26919	105.48000	862.88000	149.72000	9999.00000	.00000	.00000	2.91220
7.367	1.800	14.49000	.26913	105.40000	862.25000	150.10000	9999.00000	.00000	.00000	2.91490
7.360	2.000	14.49200	.26909	105.46000	862.74000	150.60000	9999.00000	.00000	.00000	2.91210
7.353	2.200	14.49700	.26900	105.51000	863.13000	151.03000	9999.00000	.00000	.00000	2.90930
7.361	2.400	14.50000	.26956	105.57000	863.69000	151.64000	9999.00000	.00000	.00000	2.91260
7.354	2.600	14.50400	.26953	105.64000	864.23000	152.16000	9999.00000	.00000	.00000	2.90980
7.346	2.800	14.50500	.26925	105.64000	864.26000	152.81000	9999.00000	.00000	.00000	2.90670
7.349	3.000	14.50900	.26924	105.61000	864.02000	153.41000	9999.00000	.00000	.00000	2.90790
7.351	3.200	14.51100	.26914	105.57000	863.72000	154.05000	9999.00000	.00000	.00000	2.90850
7.334	3.400	14.51300	.26854	105.57000	863.79000	154.61000	9999.00000	.00000	.00000	2.90180
7.327	3.600	14.51600	.26845	105.61000	864.14000	155.25000	9999.00000	.00000	.00000	2.89920
7.334	3.800	14.51900	.26855	105.57000	863.81000	155.88000	9999.00000	.00000	.00000	2.90200
		GRADIENT	.01714	-.00103	.00000	.05179	1.28393	.00012	.00000	-.01071

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OA257 (LARC 20-M6-6559) DV102

(T7E051) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 147/0 RN/L = 2.32 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.355	-2.325	17.16600	.10054	116.68000	948.65000	88.57800	.00000	.26689	.12096	.93168
2.359	-2.200	17.16700	.10052	116.52000	947.40000	88.78700	.00000	.26628	.12095	.93335
2.355	-2.000	17.17000	.10041	116.58000	947.87000	89.01700	.00000	.26577	.12097	.93170
2.353	-1.800	17.17200	.10029	116.54000	947.59000	89.30100	.00000	.26585	.12094	.93101
2.351	-1.600	17.18100	.10004	116.43000	946.69000	89.56400	.00000	.26564	.12094	.93007
2.346	-1.400	17.18300	.09980	116.39000	946.45000	89.79400	.00000	.26577	.12086	.92825
2.339	-1.200	17.18600	.09949	116.38000	946.34000	90.04000	.00000	.26567	.12071	.92560
2.336	-1.000	17.19500	.09929	116.34000	946.03000	90.21800	.00000	.26549	.12058	.92426
2.332	-.800	17.19800	.09911	116.33000	946.00000	90.47300	.00000	.26483	.12040	.92266
2.325	-.600	17.20500	.09890	116.39000	946.48000	90.62700	.00000	.26432	.12027	.92004
2.322	-.400	17.20500	.09880	116.42000	946.80000	90.83600	.00000	.26455	.12010	.91869
2.321	-.200	17.21100	.09871	116.39000	946.53000	91.03000	.00000	.26516	.11993	.91829
2.318	.000	17.21500	.09862	116.42000	946.82000	91.13600	.00000	.26568	.11982	.91709
2.313	.200	17.21800	.09856	116.54000	947.83000	91.28400	.00000	.26515	.11964	.91514
2.311	.400	17.22400	.09842	116.51000	947.58000	91.43500	.00000	.26462	.11949	.91422
2.307	.600	17.22800	.09836	116.57000	948.18000	91.49800	.00000	.26465	.11936	.91288
2.303	.800	17.23100	.09831	116.68000	949.05000	91.64200	.00000	.26430	.11920	.91119
2.297	1.000	17.23900	.09818	116.79000	950.00000	91.78100	.00000	.26434	.11910	.90870
2.293	1.200	17.23900	.09813	116.87000	950.67000	91.94100	.00000	.26381	.11882	.90730
2.290	1.400	17.24700	.09804	116.89000	950.88000	92.07400	.00000	.26301	.11888	.90629
2.290	1.600	17.25000	.09806	116.93000	951.18000	92.22700	.00000	.26208	.11878	.90605
2.289	1.800	17.25100	.09807	116.96000	951.47000	92.40500	.00000	.26160	.11867	.90577
2.288	2.000	17.25300	.09804	116.97000	951.60000	92.55800	.00000	.26080	.11862	.90540
2.292	2.200	17.25800	.09807	116.86000	950.66000	92.72700	.00000	.25976	.11854	.90708
2.294	2.400	17.26400	.09806	116.79000	950.16000	92.89100	.00000	.25936	.11843	.90773
2.294	2.600	17.26700	.09801	116.76000	949.98000	93.11900	.00000	.25916	.11840	.90755
GRADIENT		.02036	-.00045	.15536	1.42144	.72589	.00000	.00020	-.00076	-.00599

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DA257 (LARC 20-M6-6559) OV102

(T7E051) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 111/0 RN/L = 7.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.419	-4.327	16.93800	.27123	105.46000	862.91000	149.91000	9999.00000	.00000	.00000	2.93570
7.432	-4.200	16.94500	.27167	105.46000	862.91000	150.69000	9999.00000	.00000	.00000	2.94060
7.416	-4.000	16.94600	.27145	105.55000	863.72000	151.47000	9999.00000	.00000	.00000	2.93420
7.409	-3.800	16.94900	.27123	105.57000	863.84000	152.14000	9999.00000	.00000	.00000	2.93140
7.405	-3.600	16.95300	.27131	105.62000	864.33000	152.89000	9999.00000	.00000	.00000	2.92990
7.424	-3.400	16.96000	.27219	105.67000	864.73000	153.55000	9999.00000	.00000	.00000	2.93740
7.430	-3.200	16.96800	.27246	105.69000	864.89000	154.31000	9999.00000	.00000	.00000	2.93970
7.416	-3.000	16.96900	.27194	105.68000	864.85000	154.99000	9999.00000	.00000	.00000	2.93440
7.418	-2.800	16.97600	.27199	105.68000	864.83000	155.72000	9999.00000	.00000	.00000	2.93520
7.441	-2.600	16.98200	.27312	105.75000	865.43000	156.40000	9999.00000	.00000	.00000	2.94440
7.428	-2.400	16.98800	.27280	105.79000	865.79000	157.13000	9999.00000	.00000	.00000	2.93920
7.432	-2.200	16.99000	.27281	105.76000	865.58000	157.89000	9999.00000	.00000	.00000	2.94050
7.436	-2.000	16.99800	.27297	105.76000	865.60000	158.67000	9999.00000	.00000	.00000	2.94230
7.454	-1.800	17.00000	.27294	105.58000	864.17000	159.45000	9999.00000	.00000	.00000	2.94940
7.470	-1.600	17.00600	.27285	105.42000	862.81000	160.19000	9999.00000	.00000	.00000	2.95550
7.469	-1.400	17.00900	.27346	105.58000	864.14000	160.76000	9999.00000	.00000	.00000	2.95540
7.439	-1.200	17.01800	.27304	105.75000	865.59000	161.20000	9999.00000	.00000	.00000	2.94360
7.441	-1.000	17.01900	.27325	105.79000	865.96000	161.45000	9999.00000	.00000	.00000	2.94410
7.445	-.800	17.02500	.27361	105.85000	866.41000	161.59000	9999.00000	.00000	.00000	2.94570
7.451	-.600	17.02800	.27384	105.85000	866.42000	161.76000	9999.00000	.00000	.00000	2.94830
7.437	-.400	17.03200	.27334	105.85000	866.48000	161.91000	9999.00000	.00000	.00000	2.94270
7.446	-.200	17.03600	.27373	105.87000	866.65000	162.15000	9999.00000	.00000	.00000	2.94610
7.439	.000	17.04600	.27356	105.90000	866.88000	162.44000	9999.00000	.00000	.00000	2.94330
7.446	.200	17.04300	.27369	105.86000	866.58000	162.86000	9999.00000	.00000	.00000	2.94630
7.440	.400	17.05100	.27337	105.83000	866.39000	163.29000	9999.00000	.00000	.00000	2.94400
7.455	.600	17.05200	.27393	105.84000	866.46000	163.85000	9999.00000	.00000	.00000	2.94970
7.449	.800	17.06100	.27355	105.80000	866.19000	164.34000	9999.00000	.00000	.00000	2.94720
7.448	1.000	17.06000	.27352	105.81000	866.24000	164.88000	9999.00000	.00000	.00000	2.94680
7.408	1.200	17.06700	.27214	105.83000	866.45000	165.46000	9999.00000	.00000	.00000	2.93100
7.408	1.400	17.06500	.27237	105.89000	866.92000	166.00000	9999.00000	.00000	.00000	2.93120
7.386	1.600	17.07300	.27135	105.83000	866.50000	166.53000	9999.00000	.00000	.00000	2.92240
7.381	1.800	17.07200	.27089	105.76000	865.90000	167.10000	9999.00000	.00000	.00000	2.92050
7.366	2.000	17.07800	.27049	105.80000	866.27000	167.60000	9999.00000	.00000	.00000	2.91450
7.333	2.200	17.07400	.26922	105.79000	866.17000	168.14000	9999.00000	.00000	.00000	2.90140
7.340	2.400	17.07800	.26892	105.64000	865.00000	168.63000	9999.00000	.00000	.00000	2.90420
7.322	2.600	17.07800	.26899	105.83000	866.54000	169.20000	9999.00000	.00000	.00000	2.89730
7.298	2.800	17.08600	.26851	105.94000	867.48000	169.69000	9999.00000	.00000	.00000	2.88760
7.303	3.000	17.08600	.26916	106.06000	868.49000	170.30000	9999.00000	.00000	.00000	2.88960
7.288	3.200	17.09400	.26881	106.11000	868.94000	170.82000	9999.00000	.00000	.00000	2.88380
7.279	3.400	17.09400	.26838	106.09000	868.75000	171.47000	9999.00000	.00000	.00000	2.88030
7.293	3.600	17.10100	.26879	106.07000	868.59000	172.04000	9999.00000	.00000	.00000	2.88550
7.283	3.790	17.09800	.26847	106.08000	868.71000	173.02000	9999.00000	.00000	.00000	2.88170
		GRADIENT	.02089	.00005	-.01429	-.02321	1.73929	.00012	.00000	.00125

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0A257 (LARC 20-M6-6559) OV 102

(T7E151) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA =	17.500	PHI =	.000
SPDBRK =	86.600	AILRDN =	.000
YP =	1.000	IS =	1.000
ELEVON =	.000	MACH =	6.000
S-MODE =	2.000	S-DIR =	1.000

RUN NO. 2147/ O RN/L = 2.32 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.356	-2.300	17.16600	.10053	116.64000	948.33000	88.62400	.00000	.26677	.12096	.93204
2.359	-2.100	17.16600	.10050	116.52000	947.36000	88.90200	.00000	.26586	.12097	.93330
2.353	-1.900	17.17300	.10035	116.61000	948.10000	89.17200	.00000	.26590	.12094	.93086
2.353	-1.700	17.17700	.10016	116.43000	946.72000	89.40800	.00000	.26575	.12096	.93111
2.349	-1.500	17.17900	.09993	116.42000	946.61000	89.69500	.00000	.26577	.12090	.92927
2.341	-1.300	17.18600	.09963	116.42000	946.65000	89.91600	.00000	.26561	.12080	.92645
2.338	-1.100	17.18800	.09936	116.32000	945.87000	90.15800	.00000	.26556	.12066	.92512
2.333	-.900	17.19600	.09917	116.34000	946.09000	90.37800	.00000	.26542	.12048	.92304
2.328	-.700	17.20200	.09898	116.35000	946.21000	90.52700	.00000	.26450	.12035	.92120
2.324	-.500	17.20300	.09886	116.41000	946.69000	90.77000	.00000	.26437	.12019	.91941
2.321	-.300	17.21100	.09874	116.41000	946.75000	90.92600	.00000	.26494	.12001	.91823
2.320	-.100	17.21000	.09865	116.38000	946.52000	91.07400	.00000	.26545	.11987	.91778
2.315	.100	17.21700	.09860	116.48000	947.34000	91.22000	.00000	.26553	.11972	.91618
2.311	.300	17.22100	.09848	116.52000	947.70000	91.33200	.00000	.26481	.11958	.91460
2.309	.500	17.22400	.09838	116.52000	947.75000	91.47400	.00000	.26453	.11941	.91372
2.305	.700	17.23400	.09833	116.62000	948.53000	91.60200	.00000	.26453	.11928	.91214
2.300	.900	17.23200	.09826	116.73000	949.52000	91.69300	.00000	.26436	.11918	.91017
2.295	1.100	17.24000	.09816	116.84000	950.41000	91.87200	.00000	.26409	.11902	.90793
2.291	1.300	17.24300	.09806	116.89000	950.80000	91.98500	.00000	.26353	.11884	.90652
2.291	1.500	17.24600	.09808	116.89000	950.88000	92.17100	.00000	.26251	.11883	.90664
2.290	1.700	17.25300	.09807	116.95000	951.40000	92.30800	.00000	.26165	.11870	.90591
2.288	1.900	17.25000	.09804	116.97000	951.56000	92.46900	.00000	.26137	.11866	.90545
2.290	2.100	17.25500	.09808	116.95000	951.42000	92.65000	.00000	.26022	.11858	.90603
2.294	2.300	17.26100	.09803	116.78000	950.11000	92.82900	.00000	.25938	.11848	.90753
2.294	2.500	17.26200	.09806	116.78000	950.11000	93.00100	.00000	.25932	.11841	.90783
2.293	2.647	17.26900	.09796	116.75000	949.88000	93.19300	.00000	.25899	.11838	.90730
GRADIENT		.02029	-.00046	.14000	1.28143	.69771	.00000	.00007	-.00076	-.00585

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E151) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2111/ O RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.438	-4.300	16.93900	.27171	105.41000	862.52000	150.24000	9999.00000	.00000	.00000	2.94290
7.424	-4.100	16.94700	.27161	105.52000	863.43000	151.07000	9999.00000	.00000	.00000	2.93730
7.403	-3.900	16.94400	.27096	105.55000	863.69000	151.84000	9999.00000	.00000	.00000	2.92910
7.406	-3.700	16.95400	.27125	105.59000	864.08000	152.52000	9999.00000	.00000	.00000	2.93040
7.417	-3.500	16.95200	.27186	105.65000	864.53000	153.24000	9999.00000	.00000	.00000	2.93480
7.427	-3.300	16.96600	.27234	105.68000	864.81000	153.90000	9999.00000	.00000	.00000	2.93870
7.424	-3.100	16.96600	.27225	105.69000	864.90000	154.68000	9999.00000	.00000	.00000	2.93740
7.414	-2.900	16.97400	.27188	105.69000	864.91000	155.34000	9999.00000	.00000	.00000	2.93350
7.435	-2.700	16.97800	.27270	105.69000	865.00000	156.07000	9999.00000	.00000	.00000	2.94200
7.431	-2.500	16.98600	.27289	105.78000	865.72000	156.75000	9999.00000	.00000	.00000	2.94040
7.434	-2.300	16.98800	.27299	105.78000	865.74000	157.52000	9999.00000	.00000	.00000	2.94160
7.426	-2.100	16.99400	.27263	105.77000	865.62000	158.25000	9999.00000	.00000	.00000	2.93840
7.449	-1.900	16.99800	.27331	105.73000	865.35000	159.08000	9999.00000	.00000	.00000	2.94720
7.459	-1.700	17.00400	.27263	105.45000	863.12000	159.80000	9999.00000	.00000	.00000	2.95150
7.472	-1.500	17.00800	.27309	105.46000	863.17000	160.52000	9999.00000	.00000	.00000	2.95630
7.458	-1.300	17.01300	.27345	105.68000	865.02000	161.01000	9999.00000	.00000	.00000	2.95080
7.437	-1.100	17.01700	.27305	105.78000	865.82000	161.35000	9999.00000	.00000	.00000	2.94260
7.444	-.900	17.02200	.27347	105.82000	866.18000	161.49000	9999.00000	.00000	.00000	2.94540
7.449	-.700	17.02600	.27379	105.86000	866.49000	161.70000	9999.00000	.00000	.00000	2.94730
7.445	-.500	17.03100	.27362	105.85000	866.46000	161.81000	9999.00000	.00000	.00000	2.94580
7.446	-.300	17.03500	.27369	105.86000	866.59000	162.02000	9999.00000	.00000	.00000	2.94600
7.441	-.100	17.03700	.27361	105.88000	866.75000	162.29000	9999.00000	.00000	.00000	2.94440
7.439	.100	17.04400	.27358	105.89000	866.86000	162.67000	9999.00000	.00000	.00000	2.94360
7.447	.300	17.04800	.27363	105.83000	866.38000	163.07000	9999.00000	.00000	.00000	2.94670
7.443	.500	17.05000	.27348	105.83000	866.41000	163.58000	9999.00000	.00000	.00000	2.94510
7.453	.700	17.05400	.27383	105.84000	866.44000	164.09000	9999.00000	.00000	.00000	2.94880
7.452	.900	17.06100	.27366	105.80000	866.15000	164.62000	9999.00000	.00000	.00000	2.94860
7.422	1.100	17.06100	.27262	105.82000	866.32000	165.16000	9999.00000	.00000	.00000	2.93670
7.411	1.300	17.06800	.27237	105.86000	866.69000	165.73000	9999.00000	.00000	.00000	2.93220
7.391	1.500	17.06800	.27170	105.87000	866.81000	166.26000	9999.00000	.00000	.00000	2.92450
7.393	1.700	17.07300	.27132	105.76000	865.92000	166.80000	9999.00000	.00000	.00000	2.92510
7.374	1.900	17.07000	.27068	105.78000	866.06000	167.34000	9999.00000	.00000	.00000	2.91760
7.345	2.100	17.07600	.26979	105.82000	866.42000	167.87000	9999.00000	.00000	.00000	2.90620
7.337	2.300	17.07400	.26902	105.69000	865.41000	168.38000	9999.00000	.00000	.00000	2.90310
7.340	2.500	17.08300	.26919	105.72000	865.62000	168.91000	9999.00000	.00000	.00000	2.90410
7.301	2.700	17.07900	.26844	105.89000	867.05000	169.44000	9999.00000	.00000	.00000	2.88900
7.298	2.900	17.08700	.26875	106.01000	868.03000	169.99000	9999.00000	.00000	.00000	2.88750
7.302	3.100	17.08800	.26923	106.10000	868.77000	170.56000	9999.00000	.00000	.00000	2.88910
7.279	3.300	17.09400	.26842	106.10000	868.85000	171.12000	9999.00000	.00000	.00000	2.88010
7.284	3.500	17.09400	.26856	106.09000	868.75000	171.74000	9999.00000	.00000	.00000	2.88220
7.287	3.700	17.10200	.26858	106.07000	868.58000	172.38000	9999.00000	.00000	.00000	2.88340
	GRADIENT	.02014	-.00013	-.02571	-.10999	1.76857	.00000	.00000	-.00031	

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0A257 (LARC 20-M6-6559) DV102

(T7E052) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 146/0 RN/L = 2.28 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.274	-2.390	19.77000	.09869	117.97000	959.23000	91.29100	.00000	.27390	.11891	.89962
2.270	-2.200	19.77500	.09865	118.08000	960.13000	91.53200	.00000	.27393	.11895	.89808
2.269	-2.000	19.78000	.09863	118.09000	960.33000	91.82500	.00000	.27400	.11899	.89772
2.267	-1.800	19.78400	.09864	118.16000	960.90000	92.14100	.00000	.27407	.11898	.89704
2.268	-1.600	19.79000	.09866	118.13000	960.70000	92.37900	.00000	.27387	.11903	.89757
2.272	-1.400	19.79400	.09869	118.02000	959.79000	92.68500	.00000	.27285	.11905	.89913
2.275	-1.200	19.80300	.09864	117.90000	958.84000	92.90000	.00000	.27222	.11904	.90009
2.278	-1.000	19.80500	.09864	117.79000	958.05000	93.13100	.00000	.27194	.11905	.90132
2.279	-.800	19.81200	.09862	117.73000	957.58000	93.38800	.00000	.27202	.11902	.90188
2.283	-.600	19.82100	.09859	117.59000	956.46000	93.58400	.00000	.27217	.11905	.90319
2.280	-.400	19.82200	.09860	117.71000	957.46000	93.81200	.00000	.27237	.11905	.90195
2.281	-.200	19.82900	.09857	117.65000	957.02000	94.00300	.00000	.27260	.11905	.90241
2.281	.000	19.83300	.09858	117.64000	956.97000	94.17800	.00000	.27259	.11909	.90262
2.277	.200	19.83900	.09860	117.82000	958.43000	94.40200	.00000	.27259	.11906	.90078
2.273	.400	19.84700	.09862	117.97000	959.74000	94.54500	.00000	.27242	.11906	.89918
2.274	.600	19.84600	.09864	117.94000	959.54000	94.74000	.00000	.27261	.11908	.89971
2.273	.800	19.85600	.09862	117.96000	959.68000	94.91000	.00000	.27306	.11907	.89936
2.277	1.000	19.85900	.09859	117.80000	958.46000	95.10500	.00000	.27307	.11907	.90088
2.282	1.200	19.86200	.09854	117.59000	956.75000	95.30200	.00000	.27313	.11906	.90291
2.282	1.400	19.86900	.09853	117.60000	956.86000	95.47300	.00000	.27362	.11908	.90276
2.280	1.600	19.87000	.09855	117.66000	957.36000	95.69900	.00000	.27454	.11906	.90225
2.280	1.800	19.87800	.09856	117.70000	957.73000	95.94200	.00000	.27387	.11901	.90196
2.282	2.000	19.88300	.09854	117.61000	957.03000	96.09800	.00000	.27328	.11900	.90276
2.286	2.200	19.88600	.09862	117.51000	956.29000	96.34000	.00000	.27257	.11895	.90460
2.285	2.400	19.89500	.09860	117.55000	956.65000	96.55200	.00000	.27205	.11894	.90405
2.284	2.571	19.89100	.09863	117.59000	956.96000	96.72100	.00000	.27138	.11896	.90391
	GRADIENT	.02411	.00004	.31071	2.71608	.95232	.00000	.00025	.00002	-.00314

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OA257 (LARC 20-M6-6559) OV102

(T7E052) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 106/0 RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.507	-4.435	19.20300	.27496	105.47000	860.50000	135.99000	.00000	.00000	.00000	2.97050
7.513	-4.300	19.21600	.27503	105.43000	860.22000	136.88000	.00000	.00000	.00000	2.97290
7.505	-4.100	19.21300	.27508	105.53000	861.00000	137.83000	.00000	.00000	.00000	2.96960
7.511	-3.900	19.22000	.27561	105.61000	861.66000	138.76000	.00000	.00000	.00000	2.97200
7.521	-3.700	19.22400	.27556	105.50000	860.85000	139.63000	.00000	.00000	.00000	2.97580
7.520	-3.500	19.23000	.27545	105.49000	860.72000	140.50000	.00000	.00000	.00000	2.97540
7.526	-3.300	19.23500	.27579	105.51000	860.95000	141.43000	.00000	.00000	.00000	2.97800
7.535	-3.100	19.24100	.27623	105.54000	861.20000	142.33000	.00000	.00000	.00000	2.98160
7.517	-2.900	19.24200	.27546	105.52000	861.07000	143.27000	.00000	.00000	.00000	2.97410
7.498	-2.700	19.24400	.27406	105.34000	859.63000	144.20000	.00000	.00000	.00000	2.96660
7.485	-2.500	19.24600	.27349	105.32000	859.46000	145.18000	.00000	.00000	.00000	2.96150
7.488	-2.300	19.25600	.27404	105.43000	860.36000	146.10000	.00000	.00000	.00000	2.96290
7.484	-2.100	19.25800	.27397	105.45000	860.54000	146.95000	.00000	.00000	.00000	2.96140
7.483	-1.900	19.26700	.27410	105.49000	860.94000	147.65000	.00000	.00000	.00000	2.96090
7.501	-1.700	19.27100	.27504	105.57000	861.56000	148.28000	.00000	.00000	.00000	2.96790
7.494	-1.500	19.27600	.27493	105.61000	861.89000	148.77000	.00000	.00000	.00000	2.96510
7.499	-1.300	19.28100	.27493	105.56000	861.51000	149.22000	.00000	.00000	.00000	2.96730
7.498	-1.100	19.28900	.27477	105.53000	861.35000	149.62000	.00000	.00000	.00000	2.96660
7.488	-.900	19.29100	.27464	105.59000	861.83000	149.98000	.00000	.00000	.00000	2.96280
7.467	-.700	19.29500	.27395	105.61000	862.00000	150.35000	.00000	.00000	.00000	2.95460
7.478	-.500	19.29800	.27433	105.61000	862.00000	150.77000	.00000	.00000	.00000	2.95890
7.479	-.300	19.31000	.27447	105.64000	862.26000	151.20000	.00000	.00000	.00000	2.95920
7.484	-.100	19.31100	.27489	105.69000	862.73000	151.81000	.00000	.00000	.00000	2.96140
7.469	.100	19.31600	.27455	105.75000	863.24000	152.43000	.00000	.00000	.00000	2.95530
7.475	.300	19.31800	.27455	105.70000	862.84000	153.07000	.00000	.00000	.00000	2.95750
7.475	.500	19.33200	.27485	105.77000	863.48000	153.74000	.00000	.00000	.00000	2.95760
7.462	.700	19.32800	.27448	105.80000	863.69000	154.46000	.00000	.00000	.00000	2.95260
7.469	.900	19.33900	.27471	105.80000	863.72000	155.13000	.00000	.00000	.00000	2.95520
7.469	1.100	19.33900	.27489	105.84000	864.09000	155.86000	.00000	.00000	.00000	2.95530
7.467	1.300	19.34600	.27475	105.83000	863.99000	156.58000	.00000	.00000	.00000	2.95440
7.467	1.500	19.34500	.27448	105.76000	863.43000	157.30000	.00000	.00000	.00000	2.95460
7.475	1.700	19.35800	.27507	105.84000	864.12000	158.09000	.00000	.00000	.00000	2.95750
7.475	1.900	19.35700	.27524	105.88000	864.49000	158.78000	.00000	.00000	.00000	2.95760
7.478	2.100	19.36600	.27496	105.78000	863.66000	159.53000	.00000	.00000	.00000	2.95900
7.471	2.300	19.36700	.27495	105.84000	864.21000	160.26000	.00000	.00000	.00000	2.95610
7.465	2.500	19.37300	.27496	105.90000	864.69000	161.02000	.00000	.00000	.00000	2.95390
7.465	2.700	19.37600	.27493	105.89000	864.68000	161.76000	.00000	.00000	.00000	2.95390
7.488	2.900	19.38400	.27544	105.81000	864.04000	162.55000	.00000	.00000	.00000	2.96270
7.475	3.100	19.38400	.27514	105.86000	864.41000	163.20000	.00000	.00000	.00000	2.95780
7.459	3.300	19.39000	.27455	105.86000	864.44000	163.96000	.00000	.00000	.00000	2.95140
7.452	3.500	19.39200	.27398	105.78000	863.85000	164.63000	.00000	.00000	.00000	2.94840
7.414	3.700	19.39000	.27273	105.83000	864.27000	167.21000	.00000	.00000	.00000	2.93340

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E052) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 106/ O RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.400	3.838	19.38800	.27226	105.84000	864.43000	168.39000	.00000	.00000	.00000	2.92780
GRADIENT		.02843	.00036	.14857	1.37858	3.01143	.00000	.00000	.00000	-.00253

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OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 833

OA257 (LARC 20-M6-6559) OV102

(T7E052) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 303/ O RN/L = 8.68 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
8.792	-4.331	19.13200	.33660	108.64000	886.45000	9999.00000	228.00000	.94782	.38194	3.47890
8.793	-4.200	19.13900	.33650	108.61000	886.26000	9999.00000	229.00000	.94821	.38127	3.47920
8.801	-4.000	19.13800	.33610	108.46000	885.05000	9999.00000	230.00000	.93273	.38103	3.48240
8.797	-3.800	19.14100	.33604	108.48000	885.24000	9999.00000	231.00000	.92299	.38117	3.48080
8.761	-3.600	19.14400	.33585	108.74000	887.39000	9999.00000	231.00000	.91388	.38064	3.46650
8.728	-3.400	19.14700	.33492	108.81000	887.99000	9999.00000	232.00000	.92385	.37984	3.45350
8.711	-3.200	19.15200	.33462	108.89000	888.66000	9999.00000	232.00000	.91757	.37921	3.44680
8.698	-3.000	19.15400	.33418	108.91000	888.82000	9999.00000	232.00000	.91556	.37932	3.44160
8.683	-2.800	19.15800	.33336	108.86000	888.46000	9999.00000	232.00000	.90943	.37855	3.43550
8.666	-2.600	19.16200	.33325	108.98000	889.45000	9999.00000	233.00000	.91142	.37774	3.42880
8.665	-2.400	19.16600	.33299	108.93000	889.09000	9999.00000	234.00000	.90896	.37726	3.42850
8.651	-2.200	19.17300	.33333	109.12000	890.69000	9999.00000	234.00000	.90953	.37701	3.42300
8.624	-2.000	19.17900	.33264	109.20000	891.37000	9999.00000	234.00000	.90894	.37686	3.41220
8.615	-1.800	19.18200	.33210	109.16000	891.04000	9999.00000	235.00000	.90745	.37671	3.40870
8.607	-1.600	19.18600	.33165	109.13000	890.82000	9999.00000	235.00000	.90350	.37614	3.40560
8.608	-1.400	19.19300	.33177	109.15000	891.04000	9999.00000	235.00000	.90081	.37556	3.40580
8.600	-1.200	19.19800	.33157	109.17000	891.26000	9999.00000	236.00000	.90371	.37544	3.40270
8.606	-1.000	19.20100	.33180	109.17000	891.29000	9999.00000	237.00000	.90352	.37497	3.40510
8.616	-.800	19.20800	.33234	109.21000	891.59000	9999.00000	238.00000	.90690	.37509	3.40910
8.611	-.600	19.21300	.33206	109.19000	891.51000	9999.00000	239.00000	.90347	.37534	3.40700
8.619	-.400	19.21800	.33200	109.11000	890.82000	9999.00000	240.00000	.90145	.37504	3.41050
8.613	-.200	19.22100	.33200	109.16000	891.29000	9999.00000	240.00000	.90684	.37504	3.40810
8.618	.000	19.22900	.33252	109.23000	891.90000	9999.00000	241.00000	.91415	.37551	3.41010
8.617	.200	19.23300	.33236	109.21000	891.78000	9999.00000	241.00000	.90777	.37569	3.40940
8.631	.400	19.23700	.33249	109.13000	891.10000	9999.00000	241.00000	.90717	.37547	3.41490
8.627	.600	19.24100	.33243	109.15000	891.32000	9999.00000	241.00000	.90807	.37559	3.41330
8.635	.800	19.24900	.33306	109.22000	891.91000	9999.00000	241.00000	.90972	.37564	3.41650
8.641	1.000	19.25400	.33295	109.14000	891.33000	9999.00000	241.00000	.91263	.37597	3.41900
8.640	1.200	19.25600	.33284	109.13000	891.21000	9999.00000	242.00000	.91194	.37630	3.41880
8.667	1.400	19.26600	.33401	109.16000	891.52000	9999.00000	242.00000	.90525	.37644	3.42920
8.671	1.600	19.26900	.33382	109.09000	890.94000	9999.00000	243.00000	.90349	.37673	3.43080
8.700	1.800	19.27200	.33438	108.97000	890.01000	9999.00000	243.00000	.90244	.37726	3.44220
8.705	2.000	19.27700	.33474	109.00000	890.29000	9999.00000	244.00000	.89708	.37720	3.44450
8.701	2.200	19.28700	.33477	109.04000	890.65000	9999.00000	245.00000	.89928	.37747	3.44290
8.708	2.400	19.29300	.33509	109.05000	890.80000	9999.00000	245.00000	.89847	.37815	3.44560
8.716	2.600	19.29500	.33547	109.07000	890.94000	9999.00000	246.00000	.89979	.37819	3.44890
8.716	2.800	19.30100	.33556	109.09000	891.18000	9999.00000	247.00000	.90200	.37837	3.44860
8.722	3.000	19.30800	.33530	108.98000	890.32000	9999.00000	247.00000	.90264	.37831	3.45120
8.744	3.200	19.31100	.33588	108.93000	889.90000	9999.00000	247.00000	.89821	.37833	3.45980
8.741	3.400	19.31500	.33638	109.06000	891.02000	9999.00000	247.00000	.90390	.37836	3.45870
8.750	3.600	19.32300	.33668	109.06000	890.98000	9999.00000	247.00000	.89938	.37876	3.46230
		GRADIENT	.02393	.00044	-.00536	.08571	.00012	1.60715	.00467	.00518

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OA257 (LARC 20-M6-6559) OV102

(T7E152) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2146/ O RN/L = 2,28 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.272	-2.300	19.77300	.09868	118.02000	959.63000	91.38900	.00000	.27398	.11895	.89902
2.269	-2.100	19.77600	.09863	118.10000	960.31000	91.68100	.00000	.27402	.11897	.89771
2.267	-1.900	19.78200	.09861	118.12000	960.56000	91.96800	.00000	.27387	.11899	.89718
2.267	-1.700	19.78700	.09866	118.17000	960.97000	92.27200	.00000	.27425	.11901	.89718
2.270	-1.500	19.79300	.09867	118.09000	960.36000	92.56100	.00000	.27340	.11902	.89821
2.273	-1.300	19.79800	.09863	117.96000	959.36000	92.77000	.00000	.27241	.11906	.89926
2.277	-1.100	19.80300	.09867	117.84000	958.44000	93.04800	.00000	.27203	.11903	.90096
2.278	-.900	19.80900	.09861	117.75000	957.74000	93.27000	.00000	.27204	.11903	.90151
2.282	-.700	19.81300	.09862	117.65000	956.93000	93.48200	.00000	.27201	.11905	.90275
2.281	-.500	19.82200	.09861	117.65000	956.98000	93.71800	.00000	.27229	.11905	.90267
2.279	-.300	19.82700	.09858	117.70000	957.39000	93.89100	.00000	.27263	.11906	.90193
2.282	-.100	19.82900	.09859	117.62000	956.76000	94.11600	.00000	.27255	.11907	.90291
2.279	.100	19.83900	.09858	117.72000	957.61000	94.26000	.00000	.27249	.11908	.90175
2.275	.300	19.84000	.09864	117.90000	959.16000	94.46000	.00000	.27257	.11906	.90018
2.272	.500	19.84900	.09862	117.99000	959.86000	94.65600	.00000	.27243	.11906	.89905
2.274	.700	19.85200	.09863	117.94000	959.54000	94.81800	.00000	.27286	.11908	.89966
2.275	.900	19.85200	.09865	117.91000	959.30000	95.01700	.00000	.27312	.11906	.90028
2.279	1.100	19.86500	.09855	117.71000	957.67000	95.15400	.00000	.27318	.11907	.90165
2.283	1.300	19.86200	.09854	117.57000	956.62000	95.40000	.00000	.27328	.11907	.90314
2.280	1.500	19.87000	.09855	117.66000	957.39000	95.61400	.00000	.27418	.11905	.90218
2.280	1.700	19.87600	.09853	117.66000	957.42000	95.77400	.00000	.27429	.11905	.90209
2.282	1.900	19.87700	.09858	117.63000	957.16000	96.03100	.00000	.27369	.11899	.90296
2.283	2.100	19.88600	.09855	117.57000	956.70000	96.23600	.00000	.27288	.11897	.90343
2.286	2.300	19.89100	.09859	117.51000	956.27000	96.42600	.00000	.27236	.11896	.90438
2.283	2.500	19.89400	.09861	117.62000	957.19000	96.67600	.00000	.27156	.11892	.90336
	GRADIENT	.02629	.00004	.34286	2.93714	.93443	.00000	.00007	.00001	-.00350

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E152) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2106/ 0 RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.509	-4.400	19.20700	.27491	105.45000	860.32000	136.33000	.00000	.00000	.00000	2.97100
7.507	-4.200	19.21400	.27495	105.47000	860.54000	137.34000	.00000	.00000	.00000	2.97050
7.505	-4.000	19.21500	.27529	105.58000	861.43000	138.29000	.00000	.00000	.00000	2.96970
7.513	-3.800	19.22100	.27555	105.58000	861.43000	139.20000	.00000	.00000	.00000	2.97270
7.527	-3.600	19.22700	.27566	105.47000	860.61000	140.05000	.00000	.00000	.00000	2.97820
7.521	-3.400	19.23200	.27555	105.50000	860.87000	140.99000	.00000	.00000	.00000	2.97570
7.532	-3.200	19.23700	.27607	105.53000	861.09000	141.88000	.00000	.00000	.00000	2.98040
7.529	-3.000	19.24200	.27602	105.55000	861.28000	142.80000	.00000	.00000	.00000	2.97900
7.507	-2.800	19.24300	.27481	105.45000	860.47000	143.74000	.00000	.00000	.00000	2.97030
7.487	-2.600	19.24500	.27353	105.31000	859.34000	144.69000	.00000	.00000	.00000	2.96250
7.490	-2.400	19.25100	.27391	105.37000	859.90000	145.62000	.00000	.00000	.00000	2.96380
7.483	-2.200	19.25600	.27391	105.45000	860.54000	146.55000	.00000	.00000	.00000	2.96070
7.484	-2.000	19.26400	.27401	105.46000	860.66000	147.33000	.00000	.00000	.00000	2.96130
7.490	-1.800	19.26800	.27451	105.54000	861.30000	148.01000	.00000	.00000	.00000	2.96350
7.503	-1.600	19.27600	.27524	105.60000	861.81000	148.50000	.00000	.00000	.00000	2.96890
7.497	-1.400	19.27900	.27492	105.58000	861.68000	149.01000	.00000	.00000	.00000	2.96630
7.496	-1.200	19.28500	.27469	105.53000	861.29000	149.40000	.00000	.00000	.00000	2.96590
7.491	-1.000	19.28800	.27464	105.56000	861.61000	149.81000	.00000	.00000	.00000	2.96390
7.477	-.800	19.29500	.27427	105.60000	861.90000	150.12000	.00000	.00000	.00000	2.95850
7.467	-.600	19.29700	.27388	105.59000	861.85000	150.52000	.00000	.00000	.00000	2.95470
7.476	-.400	19.30400	.27434	105.63000	862.22000	150.95000	.00000	.00000	.00000	2.95790
7.485	-.200	19.30900	.27476	105.65000	862.42000	151.54000	.00000	.00000	.00000	2.96160
7.479	.000	19.31500	.27480	105.72000	862.98000	152.06000	.00000	.00000	.00000	2.95920
7.466	.200	19.31600	.27439	105.74000	863.14000	152.76000	.00000	.00000	.00000	2.95410
7.480	.400	19.32800	.27482	105.72000	862.99000	153.35000	.00000	.00000	.00000	2.95960
7.466	.600	19.32800	.27461	105.80000	863.69000	154.12000	.00000	.00000	.00000	2.95400
7.468	.800	19.33700	.27467	105.80000	863.68000	154.77000	.00000	.00000	.00000	2.95480
7.466	1.000	19.33600	.27474	105.83000	863.96000	155.52000	.00000	.00000	.00000	2.95430
7.473	1.200	19.34800	.27505	105.85000	864.15000	156.19000	.00000	.00000	.00000	2.95680
7.464	1.400	19.34300	.27450	105.79000	863.70000	157.00000	.00000	.00000	.00000	2.95330
7.473	1.600	19.35300	.27476	105.77000	863.59000	157.69000	.00000	.00000	.00000	2.95680
7.482	1.800	19.35700	.27550	105.88000	864.46000	158.46000	.00000	.00000	.00000	2.96050
7.471	2.000	19.36400	.27492	105.84000	864.13000	159.16000	.00000	.00000	.00000	2.95600
7.479	2.200	19.36500	.27503	105.79000	863.78000	159.94000	.00000	.00000	.00000	2.95920
7.469	2.400	19.37400	.27498	105.87000	864.45000	160.66000	.00000	.00000	.00000	2.95530
7.466	2.600	19.37200	.27505	105.92000	864.84000	161.41000	.00000	.00000	.00000	2.95430
7.475	2.800	19.38300	.27496	105.82000	864.05000	162.13000	.00000	.00000	.00000	2.95750
7.490	3.000	19.38400	.27569	105.85000	864.38000	162.87000	.00000	.00000	.00000	2.96380
7.468	3.200	19.39100	.27485	105.85000	864.37000	163.56000	.00000	.00000	.00000	2.95490
7.456	3.400	19.38800	.27428	105.82000	864.16000	164.32000	.00000	.00000	.00000	2.95010
7.445	3.600	19.39600	.27372	105.78000	863.81000	165.00000	.00000	.00000	.00000	2.94590
7.403	3.800	19.40000	.27240	105.84000	864.40000	167.86000	.00000	.00000	.00000	2.92930
	GRADIENT	.02643	.00050	.16071	1.38929	3.00357	.00000	.00000	.00000	-.00111

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0A257 (LARC 20-M6-6559) OV102

(T7E152) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2303/ 0 RN/L = 8.68 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
8.792	-4.300	19.13600	.33660	108.64000	886.47000	9999.00000	228.00000	.94638	.38177	3.47880
8.794	-4.100	19.14100	.33632	108.56000	885.88000	9999.00000	229.00000	.94571	.38105	3.47960
8.808	-3.900	19.13900	.33609	108.40000	884.56000	9999.00000	230.00000	.92451	.38119	3.48520
8.776	-3.700	19.14200	.33601	108.65000	886.66000	9999.00000	231.00000	.92099	.38092	3.47230
8.743	-3.500	19.14600	.33532	108.78000	887.70000	9999.00000	231.00000	.92198	.38036	3.45930
8.720	-3.300	19.15000	.33473	108.85000	888.28000	9999.00000	232.00000	.91943	.37946	3.45010
8.700	-3.100	19.15200	.33439	108.94000	889.06000	9999.00000	232.00000	.91171	.37931	3.44230
8.696	-2.900	19.15700	.33376	108.84000	888.27000	9999.00000	232.00000	.91284	.37891	3.44060
8.674	-2.700	19.16100	.33332	108.93000	889.03000	9999.00000	233.00000	.90942	.37812	3.43190
8.665	-2.500	19.16300	.33313	108.95000	889.28000	9999.00000	233.00000	.90871	.37751	3.42870
8.659	-2.300	19.16900	.33318	109.02000	889.82000	9999.00000	234.00000	.91104	.37709	3.42630
8.632	-2.100	19.17500	.33284	109.17000	891.10000	9999.00000	234.00000	.91111	.37697	3.41560
8.615	-1.900	19.18100	.33230	109.20000	891.37000	9999.00000	235.00000	.90786	.37682	3.40890
8.618	-1.700	19.18300	.33208	109.13000	890.85000	9999.00000	235.00000	.90478	.37642	3.40980
8.606	-1.500	19.19000	.33161	109.13000	890.87000	9999.00000	235.00000	.89893	.37586	3.40500
8.597	-1.300	19.19500	.33145	109.17000	891.21000	9999.00000	236.00000	.90493	.37550	3.40170
8.601	-1.100	19.19600	.33166	109.18000	891.34000	9999.00000	236.00000	.90199	.37530	3.40330
8.612	-.900	19.20400	.33204	109.18000	891.34000	9999.00000	237.00000	.90575	.37491	3.40740
8.618	-.700	19.21100	.33246	109.21000	891.66000	9999.00000	238.00000	.90374	.37528	3.41010
8.604	-.500	19.21400	.33153	109.14000	891.07000	9999.00000	239.00000	.90487	.37519	3.40420
8.618	-.300	19.22000	.33215	109.15000	891.18000	9999.00000	240.00000	.90437	.37494	3.41010
8.619	-.100	19.22600	.33233	109.18000	891.48000	9999.00000	240.00000	.91030	.37533	3.41050
8.611	-.100	19.23100	.33238	109.26000	892.18000	9999.00000	241.00000	.90992	.37559	3.40720
8.628	.300	19.23400	.33239	109.13000	891.10000	9999.00000	241.00000	.90420	.37560	3.41370
8.623	.500	19.23800	.33224	109.13000	891.18000	9999.00000	241.00000	.90850	.37557	3.41200
8.637	.700	19.24600	.33301	109.19000	891.68000	9999.00000	241.00000	.91154	.37552	3.41730
8.636	.900	19.25100	.33298	109.19000	891.68000	9999.00000	241.00000	.91004	.37579	3.41710
8.645	1.100	19.25500	.33303	109.13000	891.19000	9999.00000	241.00000	.91390	.37617	3.42070
8.657	1.300	19.26300	.33354	109.14000	891.34000	9999.00000	242.00000	.90926	.37641	3.42530
8.659	1.500	19.26600	.33366	109.15000	891.47000	9999.00000	243.00000	.90281	.37654	3.42600
8.696	1.700	19.27000	.33426	108.97000	890.02000	9999.00000	243.00000	.90444	.37691	3.44080
8.694	1.900	19.27400	.33420	108.97000	890.07000	9999.00000	244.00000	.89899	.37746	3.44010
8.708	2.100	19.28300	.33492	109.02000	890.43000	9999.00000	245.00000	.89913	.37696	3.44570
8.710	2.300	19.29000	.33515	109.05000	890.75000	9999.00000	245.00000	.89621	.37796	3.44640
8.717	2.500	19.29300	.33545	109.06000	890.85000	9999.00000	246.00000	.90073	.37819	3.44910
8.716	2.700	19.30100	.33546	109.07000	891.00000	9999.00000	246.00000	.90073	.37828	3.44860
8.710	2.900	19.30600	.33539	109.11000	891.31000	9999.00000	247.00000	.90216	.37836	3.44630
8.736	3.100	19.30900	.33542	108.90000	889.64000	9999.00000	247.00000	.89967	.37823	3.45650
8.746	3.300	19.31200	.33631	109.01000	890.54000	9999.00000	247.00000	.90180	.37830	3.46070
8.745	3.500	19.32000	.33650	109.06000	891.00000	9999.00000	247.00000	.90120	.37857	3.46020
8.751	3.604	19.32300	.33669	109.06000	890.98000	9999.00000	247.00000	.89935	.37877	3.46240
	GRADIENT	.02386	.00062	-.00429	.14428	.00000	2.00000	.00247	.00059	.00664

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E053) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 177/0 RN/L = 4.45 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.491	-3.288	19.58900	.16452	105.19000	851.55000	118.45000	201.00000	.45043	.19200	1.77680
4.498	-3.100	19.59700	.16474	105.17000	851.43000	118.51000	203.00000	.45092	.19208	1.77960
4.492	-2.900	19.60200	.16479	105.28000	852.32000	118.47000	203.00000	.45233	.19233	1.77740
4.486	-2.700	19.60500	.16466	105.32000	852.70000	118.49000	204.00000	.45256	.19260	1.77500
4.485	-2.500	19.60700	.16463	105.32000	852.72000	118.47000	205.00000	.45149	.19271	1.77460
4.484	-2.300	19.61800	.16455	105.30000	852.56000	118.46000	205.00000	.45084	.19246	1.77430
4.483	-2.100	19.61800	.16464	105.36000	853.03000	118.44000	206.00000	.44993	.19220	1.77390
4.480	-1.900	19.62700	.16466	105.42000	853.56000	118.45000	207.00000	.44966	.19210	1.77250
4.483	-1.700	19.62900	.16467	105.38000	853.26000	118.55000	207.00000	.44968	.19189	1.77370
4.477	-1.500	19.63200	.16468	105.48000	854.07000	118.72000	208.00000	.44887	.19189	1.77140
4.470	-1.300	19.64000	.16466	105.58000	854.92000	119.09000	208.00000	.44867	.19189	1.76850
4.470	-1.100	19.64200	.16459	105.55000	854.67000	119.49000	208.00000	.44852	.19187	1.76870
4.468	-.900	19.65500	.16449	105.55000	854.67000	120.06000	209.00000	.44817	.19166	1.76770
4.476	-.700	19.65400	.16461	105.46000	854.01000	120.64000	209.00000	.44672	.19171	1.77110
4.463	-.500	19.66100	.16448	105.62000	855.27000	121.24000	209.00000	.44909	.19192	1.76590
4.454	-.300	19.66600	.16452	105.78000	856.61000	121.87000	210.00000	.44981	.19180	1.76220
4.452	-.100	19.66900	.16460	105.85000	857.17000	122.50000	210.00000	.45011	.19172	1.76140
4.447	.100	19.67900	.16451	105.87000	857.41000	123.16000	211.00000	.45103	.19152	1.75970
4.446	.300	19.68000	.16456	105.92000	857.79000	123.86000	210.00000	.45202	.19132	1.75920
4.441	.500	19.68900	.16445	105.95000	858.05000	124.46000	210.00000	.45343	.19127	1.75730
4.438	.700	19.69000	.16445	106.00000	858.48000	125.13000	210.00000	.45477	.19129	1.75600
4.437	.900	19.69500	.16443	106.01000	858.58000	125.73000	210.00000	.45251	.19140	1.75550
4.426	1.100	19.70200	.16428	106.11000	859.44000	126.37000	210.00000	.45062	.19134	1.75140
4.424	1.300	19.70200	.16435	106.18000	860.03000	126.94000	210.00000	.45128	.19129	1.75040
4.422	1.500	19.71100	.16435	106.21000	860.29000	127.43000	210.00000	.44934	.19116	1.74970
4.417	1.700	19.71300	.16431	106.29000	860.91000	127.86000	211.00000	.44832	.19094	1.74750
4.409	1.900	19.71900	.16424	106.38000	861.68000	128.16000	211.00000	.44641	.19075	1.74440
4.403	2.100	19.72400	.16415	106.44000	862.21000	128.44000	211.00000	.44241	.19081	1.74200
4.398	2.300	19.72900	.16407	106.49000	862.56000	128.51000	212.00000	.44148	.19078	1.74020
4.392	2.500	19.73500	.16400	106.55000	863.10000	128.61000	213.00000	.44082	.19070	1.73790
4.392	2.700	19.73600	.16402	106.56000	863.23000	128.64000	213.00000	.44051	.19064	1.73770
4.391	2.900	19.74400	.16397	106.56000	863.22000	128.61000	214.00000	.44055	.19048	1.73730
GRADIENT		.02743	-.00002	.29857	2.52572	3.24714	.85714	.00418	-.00070	-.00767

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OA257 (LARC 20-M6-6559) OV102

(T7E153) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2177/ O RN/L = 4.45 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.496	-3.200	19.60000	.16464	105.16000	851.35000	118.48000	203.00000	.45072	.19205	1.77880
4.497	-3.000	19.59800	.16482	105.22000	851.83000	118.49000	203.00000	.45146	.19221	1.77930
4.488	-2.800	19.60600	.16471	105.31000	852.62000	118.48000	204.00000	.45310	.19246	1.77570
4.484	-2.600	19.60600	.16464	105.35000	852.93000	118.46000	204.00000	.45118	.19269	1.77410
4.485	-2.400	19.61400	.16454	105.29000	852.47000	118.44000	205.00000	.45124	.19259	1.77450
4.485	-2.200	19.61900	.16461	105.31000	852.68000	118.46000	206.00000	.45056	.19229	1.77470
4.480	-2.000	19.62100	.16465	105.41000	853.48000	118.42000	206.00000	.44962	.19216	1.77270
4.481	-1.800	19.63200	.16464	105.40000	853.41000	118.48000	207.00000	.45049	.19201	1.77290
4.482	-1.600	19.62700	.16470	105.40000	853.41000	118.62000	207.00000	.44852	.19184	1.77360
4.472	-1.400	19.63900	.16465	105.55000	854.63000	118.87000	208.00000	.44853	.19189	1.76940
4.471	-1.200	19.64000	.16465	105.55000	854.67000	119.32000	208.00000	.44829	.19189	1.76920
4.467	-1.000	19.64600	.16453	105.57000	854.83000	119.75000	209.00000	.44816	.19183	1.76760
4.475	-.800	19.65400	.16457	105.46000	854.00000	120.35000	209.00000	.44730	.19161	1.77060
4.469	-.600	19.65600	.16453	105.54000	854.63000	120.94000	209.00000	.44741	.19189	1.76840
4.458	-.400	19.66600	.16449	105.70000	855.95000	121.54000	210.00000	.45032	.19186	1.76380
4.453	-.200	19.66500	.16460	105.82000	856.99000	122.21000	210.00000	.44952	.19177	1.76190
4.448	.000	19.67500	.16452	105.87000	857.35000	122.81000	211.00000	.45064	.19162	1.76000
4.449	.200	19.68100	.16458	105.88000	857.51000	123.52000	211.00000	.45122	.19143	1.76020
4.441	.400	19.68300	.16447	105.95000	858.09000	124.14000	210.00000	.45308	.19128	1.75730
4.442	.600	19.69000	.16448	105.96000	858.12000	124.79000	210.00000	.45376	.19129	1.75740
4.437	.800	19.69200	.16445	106.02000	858.67000	125.45000	210.00000	.45458	.19135	1.75550
4.433	1.000	19.70000	.16434	106.04000	858.83000	126.04000	210.00000	.45093	.19139	1.75390
4.424	1.200	19.70100	.16431	106.17000	859.93000	126.66000	210.00000	.45052	.19130	1.75030
4.424	1.400	19.70800	.16435	106.19000	860.09000	127.18000	210.00000	.45052	.19128	1.75030
4.418	1.600	19.71300	.16428	106.25000	860.63000	127.66000	210.00000	.44926	.19105	1.74800
4.414	1.800	19.71400	.16431	106.33000	861.27000	128.01000	211.00000	.44772	.19090	1.74640
4.404	2.000	19.72400	.16417	106.42000	862.00000	128.31000	211.00000	.44433	.19077	1.74270
4.402	2.200	19.72600	.16416	106.46000	862.36000	128.50000	211.00000	.44238	.19081	1.74170
4.395	2.400	19.73500	.16401	106.52000	862.81000	128.57000	212.00000	.44080	.19074	1.73880
4.392	2.600	19.73400	.16402	106.57000	863.24000	128.62000	213.00000	.44096	.19067	1.73770
4.391	2.800	19.74100	.16398	106.56000	863.17000	128.62000	214.00000	.44025	.19060	1.73760
4.390	2.942	19.74500	.16397	106.57000	863.37000	128.68000	214.00000	.43739	.18998	1.73700
	GRADIENT	.02714	-.00004	.32500	2.72680	3.22500	.71429	.00469	-.00059	-.00852

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OA257 (LARC 20-M6-6559) OV102

(T7E054) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1177/0 RN/L = 4.34 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.302	-3.336	19.58800	.16121	106.84000	866.12000	138.20000	232.00000	.44217	.18660	1.70210
4.301	-3.200	19.58300	.16137	106.92000	866.76000	138.30000	231.00000	.44167	.18659	1.70180
4.297	-3.000	19.59200	.16131	106.97000	867.13000	138.30000	231.00000	.44116	.18664	1.70010
4.297	-2.800	19.59300	.16144	107.01000	867.48000	138.34000	231.00000	.44138	.18668	1.70040
4.300	-2.600	19.59900	.16152	107.01000	867.41000	138.37000	230.00000	.44161	.18665	1.70130
4.304	-2.400	19.60500	.16155	106.95000	866.92000	138.38000	230.00000	.44142	.18673	1.70300
4.303	-2.200	19.60800	.16142	106.90000	866.55000	138.46000	229.00000	.44105	.18673	1.70260
4.307	-2.000	19.61700	.16141	106.84000	866.00000	138.43000	229.00000	.44041	.18690	1.70410
4.310	-1.800	19.61800	.16149	106.82000	865.84000	138.34000	228.00000	.44082	.18700	1.70530
4.313	-1.600	19.62600	.16155	106.80000	865.63000	138.11000	228.00000	.44064	.18714	1.70660
4.318	-1.400	19.62700	.16171	106.78000	865.47000	137.75000	227.00000	.44086	.18724	1.70860
4.314	-1.200	19.63500	.16181	106.89000	866.31000	137.27000	226.00000	.44111	.18730	1.70710
4.321	-1.000	19.64000	.16180	106.77000	865.38000	136.71000	226.00000	.44234	.18744	1.70970
4.320	-.800	19.64300	.16177	106.78000	865.41000	136.17000	225.00000	.44405	.18758	1.70920
4.320	-.600	19.65300	.16175	106.76000	865.26000	135.58000	225.00000	.44412	.18774	1.70940
4.323	-.400	19.65300	.16181	106.75000	865.10000	134.98000	224.00000	.44532	.18795	1.71040
4.329	-.200	19.66200	.16185	106.67000	864.46000	134.36000	223.00000	.44697	.18813	1.71270
4.334	.000	19.66400	.16205	106.65000	864.33000	133.74000	223.00000	.44731	.18838	1.71500
4.340	.200	19.67000	.16225	106.66000	864.35000	133.12000	223.00000	.44885	.18867	1.71710
4.344	.400	19.67400	.16253	106.70000	864.70000	132.43000	222.00000	.44872	.18914	1.71890
4.343	.600	19.68400	.16270	106.80000	865.46000	131.83000	222.00000	.44718	.18932	1.71840
4.352	.800	19.69000	.16297	106.76000	865.13000	131.16000	222.00000	.44627	.18951	1.72210
4.364	1.000	19.69100	.16319	106.67000	864.37000	130.65000	222.00000	.44435	.18960	1.72670
4.370	1.200	19.70200	.16331	106.63000	863.99000	130.11000	222.00000	.44172	.18952	1.72900
4.383	1.400	19.70000	.16358	106.52000	863.13000	129.69000	222.00000	.43992	.18963	1.73440
4.383	1.600	19.71000	.16357	106.52000	863.13000	129.38000	222.00000	.44187	.18963	1.73420
4.383	1.800	19.71500	.16356	106.51000	863.00000	129.14000	222.00000	.44107	.18987	1.73440
4.385	2.000	19.71900	.16374	106.57000	863.48000	129.03000	222.00000	.44002	.18992	1.73490
4.382	2.200	19.72400	.16375	106.62000	863.87000	128.90000	222.00000	.43953	.18983	1.73370
4.379	2.400	19.72800	.16393	106.75000	864.86000	128.87000	222.00000	.43886	.18966	1.73260
4.377	2.600	19.73700	.16392	106.76000	864.96000	128.81000	221.00000	.43861	.18963	1.73200
4.381	2.800	19.73300	.16393	106.70000	864.48000	128.79000	221.00000	.43754	.18963	1.73350
4.392	2.942	19.73900	.16398	106.55000	863.15000	128.71000	220.00000	.43780	.18993	1.73780
GRADIENT	.02554	.00084	.00179	-.05535	-3.14107	-2.32143	.00319	.00137	.00864	

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OA257 (LARC 20-M6-6559) OV102

(T7E154) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 3177/ O RN/L = 4.34 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.301	-3.300	19.58200	.16133	106.91000	866.67000	138.23000	232.00000	.44192	.18662	1.70170
4.296	-3.100	19.58500	.16129	106.96000	867.11000	138.29000	231.00000	.44083	.18662	1.69990
4.297	-2.900	19.59300	.16140	107.00000	867.40000	138.28000	231.00000	.44195	.18665	1.70020
4.298	-2.700	19.59600	.16149	107.02000	867.52000	138.37000	231.00000	.44130	.18664	1.70080
4.303	-2.500	19.60400	.16155	106.98000	867.14000	138.36000	230.00000	.44153	.18670	1.70240
4.304	-2.300	19.60500	.16150	106.93000	866.74000	138.45000	229.00000	.44141	.18673	1.70290
4.303	-2.100	19.61500	.16138	106.89000	866.39000	138.44000	229.00000	.44019	.18677	1.70270
4.310	-1.900	19.61400	.16144	106.81000	865.74000	138.39000	228.00000	.44130	.18700	1.70520
4.311	-1.700	19.62200	.16152	106.82000	865.78000	138.23000	228.00000	.44048	.18705	1.70580
4.316	-1.500	19.62900	.16162	106.78000	865.51000	137.94000	227.00000	.44045	.18721	1.70760
4.315	-1.300	19.62900	.16176	106.85000	866.05000	137.54000	227.00000	.44128	.18723	1.70740
4.319	-1.100	19.64200	.16184	106.82000	865.78000	137.01000	226.00000	.44138	.18736	1.70890
4.322	-.900	19.63900	.16181	106.76000	865.30000	136.44000	226.00000	.44346	.18753	1.71000
4.319	-.700	19.64900	.16173	106.78000	865.40000	135.90000	225.00000	.44436	.18765	1.70880
4.321	-.500	19.65100	.16176	106.75000	865.11000	135.25000	224.00000	.44478	.18788	1.70990
4.325	-.300	19.65900	.16181	106.72000	864.85000	134.68000	224.00000	.44645	.18802	1.71110
4.331	-.100	19.66300	.16193	106.66000	864.40000	134.03000	223.00000	.44697	.18826	1.71360
4.338	.100	19.66500	.16220	106.67000	864.42000	133.47000	223.00000	.44845	.18849	1.71640
4.342	.300	19.67700	.16235	106.66000	864.37000	132.77000	223.00000	.44867	.18890	1.71810
4.343	.500	19.67500	.16262	106.76000	865.16000	132.15000	222.00000	.44802	.18925	1.71850
4.345	.700	19.68700	.16281	106.81000	865.49000	131.47000	222.00000	.44637	.18942	1.71940
4.359	.900	19.68800	.16311	106.72000	864.75000	130.90000	222.00000	.44561	.18959	1.72470
4.368	1.100	19.69600	.16325	106.63000	864.01000	130.38000	222.00000	.44313	.18953	1.72830
4.374	1.300	19.70200	.16341	106.60000	863.80000	129.88000	222.00000	.44053	.18963	1.73060
4.388	1.500	19.70700	.16366	106.48000	862.77000	129.53000	222.00000	.44065	.18958	1.73630
4.380	1.700	19.71400	.16350	106.54000	863.23000	129.25000	222.00000	.44215	.18974	1.73310
4.386	1.900	19.71200	.16370	106.54000	863.19000	129.09000	222.00000	.44039	.18990	1.73530
4.384	2.100	19.72300	.16373	106.58000	863.52000	128.97000	222.00000	.43943	.18991	1.73450
4.380	2.300	19.72300	.16384	106.69000	864.41000	128.89000	222.00000	.43876	.18975	1.73300
4.378	2.500	19.73300	.16396	106.77000	865.04000	128.86000	221.00000	.43905	.18964	1.73220
4.377	2.700	19.73400	.16387	106.74000	864.79000	128.79000	221.00000	.43752	.18963	1.73200
4.386	2.900	19.74100	.16391	106.62000	863.80000	128.75000	220.00000	.43819	.18966	1.73530
	GRADIENT	.02514	.00088	-.01714	-.16714	-3.11286	-1.85714	.00348	.00139	.00954

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E055) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 145/0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.294	-2.451	22.16600	.09916	117.65000	956.54000	87.98200	.00000	.28669	.12014	.90757
2.291	-2.300	22.17200	.09909	117.71000	957.03000	88.22700	.00000	.28595	.12015	.90630
2.292	-2.100	22.17400	.09904	117.62000	956.38000	88.55600	.00000	.28557	.12013	.90678
2.291	-1.900	22.18300	.09891	117.55000	955.81000	88.84500	.00000	.28541	.12011	.90642
2.294	-1.700	22.18600	.09878	117.33000	954.04000	89.15000	.00000	.28510	.12008	.90781
2.291	-1.500	22.19200	.09857	117.26000	953.48000	89.44800	.00000	.28422	.12007	.90668
2.285	-1.300	22.19800	.09834	117.31000	953.91000	89.72500	.00000	.28399	.12002	.90405
2.277	-1.100	22.19800	.09814	117.43000	954.95000	90.04200	.00000	.28339	.11987	.90078
2.267	-.900	22.20900	.09791	117.57000	956.11000	90.27100	.00000	.28238	.11970	.89710
2.264	-.700	22.21300	.09774	117.54000	955.84000	90.52300	.00000	.28225	.11957	.89596
2.262	-.500	22.21500	.09763	117.53000	955.84000	90.86100	.00000	.28122	.11944	.89497
2.258	-.300	22.22100	.09754	117.61000	956.52000	91.06900	.00000	.28140	.11925	.89326
2.256	-.100	22.22700	.09751	117.64000	956.78000	91.31300	.00000	.28125	.11920	.89261
2.255	.100	22.23800	.09741	117.59000	956.40000	91.52500	.00000	.28056	.11904	.89231
2.258	.300	22.23800	.09738	117.48000	955.52000	91.74500	.00000	.28214	.11890	.89330
2.255	.500	22.24300	.09736	117.57000	956.21000	91.99500	.00000	.28178	.11877	.89218
2.254	.700	22.25100	.09732	117.56000	956.18000	92.20300	.00000	.28108	.11867	.89195
2.257	.900	22.25500	.09736	117.50000	955.73000	92.43200	.00000	.28013	.11846	.89298
2.257	1.100	22.26200	.09732	117.47000	955.48000	92.65100	.00000	.27924	.11840	.89300
2.254	1.300	22.26700	.09726	117.51000	955.89000	92.82900	.00000	.27825	.11838	.89197
2.257	1.500	22.27200	.09723	117.40000	955.02000	93.11000	.00000	.27841	.11832	.89290
2.256	1.700	22.28000	.09715	117.37000	954.79000	93.31200	.00000	.27780	.11827	.89254
2.250	1.900	22.27900	.09713	117.56000	956.34000	93.54000	.00000	.27684	.11822	.89027
2.247	2.100	22.29200	.09710	117.62000	956.86000	93.79100	.00000	.27641	.11817	.88927
2.251	2.300	22.29400	.09711	117.51000	955.94000	94.02400	.00000	.27599	.11815	.89070
2.255	2.500	22.29500	.09712	117.40000	955.08000	94.30400	.00000	.27618	.11807	.89208
	GRADIENT	.02886	-.00028	-.03429	-.21855	1.13000	.00000	.00062	-.00065	-.00202

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0A257 (LARC 20-M6-6559) DV102

(T7E055) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 105/ O RN/L = 7.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.515	-4.452	21.53100	.27602	105.71000	863.35000	144.37000	.00000	.00000	.00000	2.97350
7.489	-4.300	21.54000	.27506	105.72000	863.39000	145.62000	.00000	.00000	.00000	2.96310
7.485	-4.100	21.53500	.27469	105.66000	862.96000	146.66000	.00000	.00000	.00000	2.96150
7.465	-3.900	21.53800	.27408	105.69000	863.24000	147.62000	.00000	.00000	.00000	2.95360
7.449	-3.700	21.53800	.27339	105.67000	863.03000	148.59000	.00000	.00000	.00000	2.94730
7.453	-3.500	21.54500	.27344	105.64000	862.85000	149.50000	.00000	.00000	.00000	2.94890
7.465	-3.300	21.54700	.27352	105.55000	862.11000	150.46000	.00000	.00000	.00000	2.95370
7.462	-3.100	21.55800	.27345	105.56000	862.21000	151.32000	.00000	.00000	.00000	2.95260
7.460	-2.900	21.55800	.27348	105.59000	862.46000	152.23000	.00000	.00000	.00000	2.95180
7.449	-2.700	21.56600	.27300	105.57000	862.33000	153.05000	.00000	.00000	.00000	2.94730
7.452	-2.500	21.56900	.27288	105.51000	861.84000	153.95000	.00000	.00000	.00000	2.94860
7.468	-2.300	21.58000	.27335	105.48000	861.64000	154.78000	.00000	.00000	.00000	2.95490
7.474	-2.100	21.58400	.27404	105.60000	862.67000	155.65000	.00000	.00000	.00000	2.95710
7.469	-1.900	21.59400	.27407	105.66000	863.15000	156.40000	.00000	.00000	.00000	2.95510
7.478	-1.700	21.59700	.27443	105.67000	863.20000	157.22000	.00000	.00000	.00000	2.95880
7.488	-1.500	21.61000	.27445	105.57000	862.46000	157.92000	.00000	.00000	.00000	2.96290
7.490	-1.300	21.61000	.27425	105.51000	861.96000	158.73000	.00000	.00000	.00000	2.96360
7.488	-1.100	21.62500	.27385	105.42000	861.25000	159.41000	.00000	.00000	.00000	2.96300
7.502	-.900	21.62800	.27471	105.52000	862.06000	160.11000	.00000	.00000	.00000	2.96820
7.495	-.700	21.64100	.27479	105.61000	862.80000	160.75000	.00000	.00000	.00000	2.96540
7.499	-.500	21.64100	.27479	105.56000	862.45000	161.48000	.00000	.00000	.00000	2.96730
7.503	-.300	21.65200	.27480	105.53000	862.24000	162.13000	.00000	.00000	.00000	2.96860
7.499	-.100	21.65100	.27475	105.55000	862.42000	162.91000	.00000	.00000	.00000	2.96730
7.491	.100	21.66000	.27428	105.51000	862.08000	163.57000	.00000	.00000	.00000	2.96410
7.492	.300	21.66300	.27402	105.44000	861.50000	164.33000	.00000	.00000	.00000	2.96440
7.473	.500	21.66900	.27346	105.47000	861.81000	165.09000	.00000	.00000	.00000	2.95680
7.464	.700	21.66800	.27319	105.49000	861.95000	165.87000	.00000	.00000	.00000	2.95330
7.435	.900	21.67600	.27216	105.49000	862.00000	166.60000	.00000	.00000	.00000	2.94200
7.432	1.100	21.67400	.27203	105.50000	862.06000	167.44000	.00000	.00000	.00000	2.94050
7.430	1.300	21.68500	.27196	105.50000	862.08000	168.15000	.00000	.00000	.00000	2.93970
7.431	1.500	21.68300	.27200	105.50000	862.08000	168.95000	.00000	.00000	.00000	2.94030
7.438	1.700	21.69400	.27237	105.53000	862.34000	169.71000	.00000	.00000	.00000	2.94300
7.438	1.900	21.69400	.27218	105.47000	861.91000	170.47000	.00000	.00000	.00000	2.94320
7.449	2.100	21.70500	.27232	105.41000	861.46000	171.18000	.00000	.00000	.00000	2.94720
7.448	2.300	21.70500	.27253	105.47000	861.94000	171.99000	.00000	.00000	.00000	2.94710
7.467	2.500	21.71800	.27295	105.40000	861.40000	172.67000	.00000	.00000	.00000	2.95460
7.471	2.700	21.71800	.27329	105.45000	861.82000	173.45000	.00000	.00000	.00000	2.95620
7.463	2.900	21.72900	.27285	105.41000	861.52000	174.13000	.00000	.00000	.00000	2.95310
7.483	3.100	21.72900	.27328	105.34000	860.98000	174.89000	.00000	.00000	.00000	2.96080
7.476	3.300	21.74200	.27356	105.48000	862.06000	175.57000	.00000	.00000	.00000	2.95820
7.478	3.500	21.73900	.27354	105.46000	861.94000	176.28000	.00000	.00000	.00000	2.95870
7.472	3.700	21.75200	.27328	105.45000	861.85000	176.99000	.00000	.00000	.00000	2.95650

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OA257 (LARC 20-M6-6559) OV102

(T7E055) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 105/0 RN/L = 7.47 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.475	3.900	21.74600	.27350	105.47000	862.10000	177.82000	.00000	.00000	.00000	2.95780
	GRADIENT	.02600	-.00135	-.10857	-.82286	3.61572	.00000	.00000	.00000	-.00976

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E155) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	22.500	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2145/ 0 RN/L = 2.27 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.292	-2.400	22.16700	.09914	117.68000	956.77000	88.06600	.00000	.28652	.12015	.90702
2.291	-2.200	22.17500	.09907	117.68000	956.82000	88.41100	.00000	.28553	.12013	.90642
2.292	-2.000	22.17700	.09898	117.58000	956.03000	88.69100	.00000	.28546	.12013	.90678
2.293	-1.800	22.18300	.09888	117.46000	955.09000	89.02700	.00000	.28551	.12009	.90719
2.293	-1.600	22.19100	.09864	117.25000	953.42000	89.26200	.00000	.28454	.12010	.90745
2.289	-1.400	22.19100	.09849	117.27000	953.59000	89.61400	.00000	.28413	.12006	.90585
2.280	-1.200	22.20100	.09821	117.38000	954.48000	89.90000	.00000	.28361	.11998	.90207
2.272	-1.000	22.20400	.09802	117.51000	955.62000	90.13500	.00000	.28284	.11981	.89879
2.265	-.800	22.20900	.09784	117.59000	956.25000	90.42300	.00000	.28245	.11964	.89627
2.264	-.600	22.21800	.09766	117.49000	955.47000	90.69700	.00000	.28168	.11950	.89579
2.260	-.400	22.21700	.09760	117.58000	956.20000	90.94700	.00000	.28124	.11942	.89423
2.256	-.200	22.22900	.09751	117.63000	956.63000	91.20500	.00000	.28115	.11923	.89283
2.255	.000	22.23200	.09745	117.64000	956.75000	91.41100	.00000	.28086	.11910	.89222
2.257	.200	22.23600	.09741	117.54000	956.01000	91.64700	.00000	.28085	.11897	.89287
2.256	.400	22.24400	.09734	117.51000	955.73000	91.85000	.00000	.28188	.11884	.89271
2.255	.600	22.24500	.09735	117.57000	956.26000	92.08700	.00000	.28166	.11873	.89213
2.255	.800	22.25400	.09734	117.55000	956.08000	92.31200	.00000	.28055	.11855	.89230
2.258	1.000	22.25900	.09733	117.45000	955.36000	92.52700	.00000	.27990	.11844	.89326
2.256	1.200	22.26400	.09732	117.48000	955.64000	92.75600	.00000	.27866	.11838	.89279
2.253	1.400	22.27200	.09721	117.52000	955.94000	92.93500	.00000	.27819	.11836	.89142
2.259	1.600	22.27500	.09721	117.32000	954.34000	93.19200	.00000	.27840	.11830	.89374
2.253	1.800	22.27800	.09714	117.48000	955.64000	93.44300	.00000	.27722	.11823	.89131
2.247	2.000	22.28900	.09709	117.61000	956.78000	93.65500	.00000	.27654	.11820	.88927
2.249	2.200	22.29100	.09712	117.59000	956.57000	93.92200	.00000	.27624	.11815	.88987
2.252	2.400	22.29800	.09709	117.47000	955.64000	94.17200	.00000	.27610	.11810	.89094
2.255	2.508	22.29500	.09713	117.39000	955.03000	94.31300	.00000	.27618	.11807	.89220
	GRADIENT	.02536	-.00027	.00179	.14466	1.14607	.00000	.00016	-.00067	-.00250

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E155) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2105/ O RN/L = 7.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.508	-4.400	21.53200	.27586	105.74000	863.55000	145.01000	.00000	.00000	.00000	2.97090
7.473	-4.200	21.53500	.27435	105.68000	863.13000	146.12000	.00000	.00000	.00000	2.95690
7.486	-4.000	21.53700	.27479	105.67000	863.06000	147.14000	.00000	.00000	.00000	2.96220
7.450	-3.800	21.54000	.27351	105.69000	863.22000	148.11000	.00000	.00000	.00000	2.94760
7.454	-3.600	21.53800	.27352	105.65000	862.93000	149.06000	.00000	.00000	.00000	2.94930
7.457	-3.400	21.54800	.27339	105.59000	862.46000	149.96000	.00000	.00000	.00000	2.95040
7.468	-3.200	21.55200	.27363	105.55000	862.11000	150.92000	.00000	.00000	.00000	2.95490
7.465	-3.000	21.56000	.27362	105.57000	862.35000	151.79000	.00000	.00000	.00000	2.95380
7.450	-2.800	21.56000	.27308	105.58000	862.40000	152.62000	.00000	.00000	.00000	2.94780
7.449	-2.600	21.56700	.27296	105.56000	862.26000	153.51000	.00000	.00000	.00000	2.94730
7.462	-2.400	21.57200	.27301	105.45000	861.34000	154.36000,	.00000	.00000	.00000	2.95270
7.467	-2.200	21.58300	.27356	105.54000	862.15000	155.22000	.00000	.00000	.00000	2.95460
7.474	-2.000	21.58800	.27421	105.65000	863.03000	156.03000	.00000	.00000	.00000	2.95720
7.471	-1.800	21.59600	.27420	105.67000	863.26000	156.83000	.00000	.00000	.00000	2.95600
7.488	-1.600	21.60300	.27456	105.61000	862.74000	157.56000	.00000	.00000	.00000	2.96270
7.487	-1.400	21.61200	.27431	105.55000	862.28000	158.33000	.00000	.00000	.00000	2.96240
7.487	-1.200	21.61600	.27405	105.49000	861.78000	159.06000	.00000	.00000	.00000	2.96240
7.494	-1.000	21.62900	.27419	105.45000	861.53000	159.77000	.00000	.00000	.00000	2.96530
7.502	-.800	21.63400	.27495	105.57000	862.52000	160.42000	.00000	.00000	.00000	2.96850
7.492	-.600	21.64200	.27465	105.60000	862.74000	161.10000	.00000	.00000	.00000	2.96430
7.501	-.400	21.64300	.27471	105.53000	862.17000	161.80000	.00000	.00000	.00000	2.96800
7.503	-.200	21.65300	.27491	105.56000	862.47000	162.52000	.00000	.00000	.00000	2.96860
7.496	.000	21.65400	.27456	105.54000	862.32000	163.22000	.00000	.00000	.00000	2.96580
7.493	.200	21.66200	.27409	105.45000	861.56000	163.98000	.00000	.00000	.00000	2.96470
7.482	.400	21.66300	.27374	105.45000	861.65000	164.70000	.00000	.00000	.00000	2.96060
7.471	.600	21.67300	.27346	105.49000	861.95000	165.46000	.00000	.00000	.00000	2.95610
7.448	.800	21.66800	.27262	105.49000	861.95000	166.26000	.00000	.00000	.00000	2.94710
7.427	1.000	21.67700	.27186	105.50000	862.06000	167.01000	.00000	.00000	.00000	2.93860
7.433	1.200	21.67900	.27211	105.50000	862.09000	167.78000	.00000	.00000	.00000	2.94120
7.427	1.400	21.68500	.27189	105.51000	862.15000	168.59000	.00000	.00000	.00000	2.93860
7.437	1.600	21.68600	.27222	105.50000	862.08000	169.30000	.00000	.00000	.00000	2.94270
7.434	1.800	21.69500	.27214	105.51000	862.20000	170.10000	.00000	.00000	.00000	2.94130
7.452	2.000	21.70000	.27249	105.42000	861.52000	170.80000	.00000	.00000	.00000	2.94870
7.446	2.200	21.70500	.27235	105.45000	861.72000	171.59000	.00000	.00000	.00000	2.94630
7.458	2.400	21.71300	.27272	105.43000	861.61000	172.35000	.00000	.00000	.00000	2.95100
7.467	2.600	21.72200	.27307	105.43000	861.64000	173.06000	.00000	.00000	.00000	2.95470
7.464	2.800	21.72400	.27303	105.45000	861.84000	173.78000	.00000	.00000	.00000	2.95340
7.480	3.000	21.73000	.27314	105.34000	860.91000	174.54000	.00000	.00000	.00000	2.95950
7.478	3.200	21.73500	.27343	105.43000	861.66000	175.21000	.00000	.00000	.00000	2.95890
7.479	3.400	21.74300	.27369	105.48000	862.13000	175.98000	.00000	.00000	.00000	2.95930
7.469	3.600	21.74400	.27308	105.42000	861.64000	176.62000	.00000	.00000	.00000	2.95540
7.469	3.800	21.74900	.27328	105.47000	862.09000	177.37000	.00000	.00000	.00000	2.95540

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E155) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2105/ 0 RN/L = 7.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.478	3.949	21.75100	.27363	105.48000	862.19000	178.18000	.00000	.00000	.00000	2.95880
GRADIENT		.02536	-.00113	-.10714	-.77141	3.63214	.00000	.00000	.00000	-.00773

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E056) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 144/ O RN/L = 2.27 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.271	-2.470	24.67200	.09791	117.41000	954.41000	90.02600	.00000	.29114	.11856	.89873
2.269	-2.300	24.67300	.09789	117.48000	955.01000	90.42000	.00000	.29098	.11850	.89775
2.267	-2.100	24.68700	.09780	117.49000	955.14000	90.78400	.00000	.29104	.11843	.89680
2.266	-1.900	24.68500	.09782	117.54000	955.53000	91.11700	.00000	.29055	.11839	.89643
2.267	-1.700	24.69600	.09780	117.48000	955.03000	91.43400	.00000	.29131	.11834	.89704
2.271	-1.500	24.70400	.09779	117.35000	954.02000	91.73700	.00000	.29047	.11829	.89843
2.271	-1.300	24.70300	.09783	117.37000	954.23000	92.06600	.00000	.28955	.11825	.89850
2.270	-1.100	24.71600	.09778	117.37000	954.22000	92.33600	.00000	.28975	.11823	.89815
2.272	-.900	24.71900	.09777	117.29000	953.65000	92.64900	.00000	.29085	.11823	.89886
2.269	-.700	24.72400	.09776	117.39000	954.43000	92.93200	.00000	.29028	.11819	.89770
2.271	-.500	24.73800	.09777	117.31000	953.80000	93.16800	.00000	.29013	.11817	.89872
2.273	-.300	24.73600	.09775	117.22000	953.14000	93.48300	.00000	.29074	.11811	.89955
2.274	-.100	24.74600	.09775	117.19000	952.91000	93.77200	.00000	.28946	.11805	.89991
2.269	.100	24.75000	.09772	117.37000	954.37000	94.00600	.00000	.28877	.11804	.89765
2.267	.300	24.75300	.09780	117.48000	955.29000	94.29200	.00000	.28891	.11801	.89705
2.267	.500	24.76600	.09778	117.47000	955.23000	94.56700	.00000	.28810	.11802	.89706
2.269	.700	24.76700	.09781	117.42000	954.85000	94.83300	.00000	.28837	.11803	.89787
2.265	.900	24.77400	.09776	117.51000	955.61000	95.12900	.00000	.28817	.11802	.89639
2.263	1.100	24.78300	.09776	117.58000	956.21000	95.39400	.00000	.28847	.11800	.89560
2.264	1.300	24.78300	.09780	117.61000	956.42000	95.68100	.00000	.28714	.11796	.89572
2.265	1.500	24.79500	.09780	117.58000	956.22000	95.98100	.00000	.28671	.11794	.89605
2.270	1.700	24.80000	.09774	117.35000	954.37000	96.24700	.00000	.28492	.11794	.89811
2.273	1.900	24.80000	.09776	117.27000	953.79000	96.53800	.00000	.28556	.11794	.89918
2.269	2.100	24.81700	.09772	117.35000	954.46000	96.80200	.00000	.28515	.11794	.89796
2.265	2.300	24.81800	.09774	117.53000	955.89000	97.09700	.00000	.28465	.11791	.89617
2.261	2.488	24.82700	.09778	117.69000	957.26000	97.39800	.00000	.28461	.11787	.89463
GRADIENT		.02786	.00003	.25143	2.15144	1.37943	.00000	-.00233	-.00015	-.00258

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OA257 (LARC 20-M6-6559) OV102

(T7E056) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 102/0 RN/L = 7.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.508	-4.415	23.98900	.27418	105.42000	863.55000	188.85000	9999.00000	.00000	.00000	2.97080
7.506	-4.300	24.00100	.27422	105.46000	863.85000	189.77000	9999.00000	.00000	.00000	2.96990
7.541	-4.100	24.00200	.27493	105.31000	862.67000	190.52000	9999.00000	.00000	.00000	2.98370
7.527	-3.900	24.00700	.27427	105.27000	862.36000	191.16000	9999.00000	.00000	.00000	2.97830
7.508	-3.700	24.00300	.27365	105.30000	862.57000	191.84000	9999.00000	.00000	.00000	2.97060
7.497	-3.500	24.01500	.27354	105.38000	863.22000	192.40000	9999.00000	.00000	.00000	2.96620
7.493	-3.300	24.01700	.27366	105.44000	863.72000	193.11000	9999.00000	.00000	.00000	2.96490
7.483	-3.100	24.02400	.27316	105.41000	863.51000	193.68000	9999.00000	.00000	.00000	2.96070
7.486	-2.900	24.02500	.27305	105.35000	863.02000	194.33000	9999.00000	.00000	.00000	2.96210
7.464	-2.700	24.03300	.27236	105.38000	863.28000	194.90000	9999.00000	.00000	.00000	2.95330
7.451	-2.500	24.03700	.27199	105.40000	863.50000	195.50000	9999.00000	.00000	.00000	2.94830
7.434	-2.300	24.03800	.27119	105.36000	863.13000	196.02000	9999.00000	.00000	.00000	2.94160
7.429	-2.100	24.04000	.27070	105.28000	862.54000	196.62000	9999.00000	.00000	.00000	2.93940
7.417	-1.900	24.04500	.27031	105.29000	862.65000	197.15000	9999.00000	.00000	.00000	2.93460
7.395	-1.700	24.04700	.26976	105.36000	863.21000	197.70000	9999.00000	.00000	.00000	2.92600
7.392	-1.500	24.05300	.26953	105.33000	862.95000	198.18000	9999.00000	.00000	.00000	2.92490
7.367	-1.300	24.06000	.26873	105.36000	863.19000	198.74000	9999.00000	.00000	.00000	2.91500
7.360	-1.100	24.05800	.26854	105.38000	863.37000	199.27000	9999.00000	.00000	.00000	2.91220
7.357	-.900	24.07100	.26848	105.39000	863.48000	199.77000	9999.00000	.00000	.00000	2.91100
7.358	-.700	24.06900	.26861	105.41000	863.69000	200.27000	9999.00000	.00000	.00000	2.91150
7.350	-.500	24.08400	.26836	105.42000	863.80000	200.78000	9999.00000	.00000	.00000	2.90820
7.345	-.300	24.08100	.26847	105.50000	864.47000	201.33000	9999.00000	.00000	.00000	2.90620
7.342	-.100	24.09400	.26843	105.52000	864.64000	201.83000	9999.00000	.00000	.00000	2.90490
7.341	.100	24.09200	.26850	105.55000	864.88000	202.33000	9999.00000	.00000	.00000	2.90460
7.338	.300	24.10600	.26823	105.51000	864.55000	202.79000	9999.00000	.00000	.00000	2.90340
7.344	.500	24.10600	.26859	105.55000	864.87000	203.33000	9999.00000	.00000	.00000	2.90580
7.338	.700	24.12000	.26859	105.61000	865.36000	203.80000	9999.00000	.00000	.00000	2.90340
7.355	.900	24.12300	.26932	105.63000	865.60000	204.31000	9999.00000	.00000	.00000	2.91010
7.363	1.100	24.13600	.26959	105.63000	865.56000	204.77000	9999.00000	.00000	.00000	2.91340
7.370	1.300	24.13800	.26994	105.65000	865.79000	205.32000	9999.00000	.00000	.00000	2.91600
7.371	1.500	24.15000	.26994	105.64000	865.70000	205.77000	9999.00000	.00000	.00000	2.91670
7.379	1.700	24.15200	.26992	105.57000	865.09000	206.28000	9999.00000	.00000	.00000	2.91950
7.382	1.900	24.16100	.26995	105.55000	864.96000	206.68000	9999.00000	.00000	.00000	2.92070
7.389	2.100	24.16600	.26993	105.47000	864.37000	207.23000	9999.00000	.00000	.00000	2.92360
7.378	2.300	24.17000	.26971	105.52000	864.75000	207.66000	9999.00000	.00000	.00000	2.91930
7.377	2.500	24.17700	.26987	105.57000	865.16000	208.21000	9999.00000	.00000	.00000	2.91900
7.379	2.700	24.18200	.26965	105.49000	864.56000	208.63000	9999.00000	.00000	.00000	2.91980
7.369	2.900	24.18600	.26963	105.58000	865.29000	209.14000	9999.00000	.00000	.00000	2.91590
7.358	3.100	24.19100	.26944	105.64000	865.79000	209.51000	9999.00000	.00000	.00000	2.91150
7.365	3.300	24.20100	.26966	105.64000	865.77000	210.01000	9999.00000	.00000	.00000	2.91410
7.375	3.500	24.20500	.26984	105.58000	865.33000	210.43000	9999.00000	.00000	.00000	2.91830
7.364	3.700	24.21100	.26950	105.61000	865.54000	210.92000	9999.00000	.00000	.00000	2.91360

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OA257 (LARC 20-M6-6559) OV102

(T7E056) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 102/ O RN/L = 7.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.365	3.900	24.21000	.26949	105.60000	865.48000	211.36000	9999.00000	.00000	.00000	2.91400
	GRADIENT	.02614	.00007	.10143	.83286	2.51857	.00000	.00000	.00000	-.00296

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E156) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2144/0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.270	-2.400	24.67500	.09788	117.45000	954.77000	90.19600	.00000	.29094	.11853	.89802
2.268	-2.200	24.67700	.09783	117.46000	954.86000	90.56200	.00000	.29099	.11848	.89745
2.266	-2.000	24.68500	.09783	117.54000	955.49000	90.95600	.00000	.29064	.11840	.89663
2.265	-1.800	24.69600	.09779	117.52000	955.40000	91.27700	.00000	.29111	.11838	.89640
2.270	-1.600	24.69500	.09780	117.39000	954.35000	91.57000	.00000	.29112	.11833	.89801
2.271	-1.400	24.70900	.09780	117.36000	954.09000	91.90200	.00000	.28979	.11824	.89844
2.269	-1.200	24.70800	.09779	117.40000	954.44000	92.21400	.00000	.28942	.11825	.89785
2.272	-1.000	24.71400	.09779	117.32000	953.83000	92.50300	.00000	.29037	.11823	.89883
2.271	-.800	24.72600	.09776	117.33000	953.92000	92.78100	.00000	.29095	.11821	.89846
2.270	-.600	24.72300	.09775	117.36000	954.21000	93.05500	.00000	.28954	.11819	.89799
2.273	-.400	24.73600	.09777	117.27000	953.54000	93.34100	.00000	.29075	.11812	.89918
2.274	-.200	24.74300	.09773	117.19000	952.85000	93.60200	.00000	.29032	.11809	.89975
2.272	.000	24.74100	.09776	117.27000	953.53000	93.90000	.00000	.28869	.11805	.89916
2.266	.200	24.75600	.09772	117.46000	955.08000	94.13600	.00000	.28890	.11801	.89664
2.267	.400	24.76000	.09780	117.48000	955.29000	94.41400	.00000	.28881	.11803	.89710
2.269	.600	24.76500	.09781	117.44000	955.01000	94.72100	.00000	.28811	.11801	.89765
2.267	.800	24.77500	.09776	117.45000	955.13000	94.97700	.00000	.28817	.11803	.89705
2.265	1.000	24.77400	.09777	117.55000	955.96000	95.27300	.00000	.28842	.11803	.89602
2.263	1.200	24.78600	.09780	117.62000	956.52000	95.55600	.00000	.28764	.11796	.89556
2.263	1.400	24.79200	.09778	117.61000	956.42000	95.82200	.00000	.28731	.11797	.89555
2.267	1.600	24.79300	.09777	117.48000	955.46000	96.12500	.00000	.28576	.11794	.89688
2.273	1.800	24.80700	.09775	117.24000	953.48000	96.37800	.00000	.28474	.11794	.89950
2.270	2.000	24.80700	.09774	117.33000	954.26000	96.65900	.00000	.28563	.11795	.89834
2.268	2.200	24.81400	.09775	117.42000	954.99000	96.95500	.00000	.28473	.11791	.89748
2.262	2.400	24.82700	.09774	117.63000	956.74000	97.25700	.00000	.28470	.11789	.89496
GRADIENT		.03339	.00004	.16607	1.45180	1.37107	.00000	-.00171	-.00014	-.00148

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OA257 (LARC 20-M6-6559) OV102

(T7E156) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2102/ O RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.513	-4.400	23.9900	.27442	105.44000	863.72000	189.16000	9999.00000	.00000	.00000	2.97260
7.520	-4.200	24.00400	.27452	105.40000	863.38000	190.15000	9999.00000	.00000	.00000	2.97560
7.546	-4.000	24.00200	.27482	105.24000	862.07000	190.84000	9999.00000	.00000	.00000	2.98570
7.512	-3.800	24.00800	.27383	105.30000	862.59000	191.52000	9999.00000	.00000	.00000	2.97240
7.505	-3.600	24.00700	.27367	105.33000	862.82000	192.13000	9999.00000	.00000	.00000	2.96950
7.495	-3.400	24.01600	.27363	105.41000	863.52000	192.74000	9999.00000	.00000	.00000	2.96560
7.488	-3.200	24.01800	.27347	105.44000	863.74000	193.40000	9999.00000	.00000	.00000	2.96280
7.487	-3.000	24.02800	.27315	105.37000	863.17000	194.02000	9999.00000	.00000	.00000	2.96240
7.477	-2.800	24.02600	.27279	105.37000	863.19000	194.64000	9999.00000	.00000	.00000	2.95840
7.456	-2.600	24.03600	.27212	105.39000	863.41000	195.18000	9999.00000	.00000	.00000	2.95010
7.437	-2.400	24.03200	.27143	105.39000	863.43000	195.77000	9999.00000	.00000	.00000	2.94260
7.435	-2.200	24.04200	.27102	105.31000	862.75000	196.30000	9999.00000	.00000	.00000	2.94170
7.423	-2.000	24.03900	.27047	105.28000	862.54000	196.90000	9999.00000	.00000	.00000	2.93700
7.401	-1.800	24.04700	.26988	105.33000	862.95000	197.43000	9999.00000	.00000	.00000	2.92850
7.394	-1.600	24.04900	.26969	105.35000	863.10000	197.96000	9999.00000	.00000	.00000	2.92580
7.382	-1.400	24.06000	.26916	105.33000	862.99000	198.45000	9999.00000	.00000	.00000	2.92070
7.360	-1.200	24.05300	.26851	105.37000	863.31000	199.03000	9999.00000	.00000	.00000	2.91210
7.359	-1.000	24.06800	.26855	105.39000	863.46000	199.51000	9999.00000	.00000	.00000	2.91180
7.359	-.800	24.07000	.26854	105.38000	863.44000	200.05000	9999.00000	.00000	.00000	2.91190
7.352	-.600	24.07800	.26839	105.42000	863.74000	200.50000	9999.00000	.00000	.00000	2.90890
7.349	-.400	24.08200	.26844	105.46000	864.07000	201.10000	9999.00000	.00000	.00000	2.90780
7.340	-.200	24.08600	.26836	105.52000	864.63000	201.56000	9999.00000	.00000	.00000	2.90420
7.341	.000	24.09400	.26846	105.54000	864.79000	202.08000	9999.00000	.00000	.00000	2.90460
7.339	.200	24.09700	.26838	105.54000	864.78000	202.53000	9999.00000	.00000	.00000	2.90380
7.340	.400	24.10600	.26838	105.53000	864.69000	203.10000	9999.00000	.00000	.00000	2.90440
7.340	.600	24.11100	.26855	105.58000	865.10000	203.55000	9999.00000	.00000	.00000	2.90420
7.347	.800	24.12300	.26900	105.63000	865.56000	204.06000	9999.00000	.00000	.00000	2.90690
7.360	1.000	24.12700	.26942	105.62000	865.46000	204.55000	9999.00000	.00000	.00000	2.91200
7.370	1.200	24.14000	.26994	105.65000	865.76000	205.05000	9999.00000	.00000	.00000	2.91620
7.370	1.400	24.14100	.26993	105.65000	865.77000	205.56000	9999.00000	.00000	.00000	2.91620
7.379	1.600	24.15300	.26996	105.57000	865.14000	205.98000	9999.00000	.00000	.00000	2.91970
7.378	1.800	24.15400	.26988	105.56000	865.09000	206.48000	9999.00000	.00000	.00000	2.91920
7.386	2.000	24.16700	.26999	105.52000	864.71000	206.94000	9999.00000	.00000	.00000	2.92230
7.387	2.200	24.16500	.26990	105.49000	864.46000	207.48000	9999.00000	.00000	.00000	2.92270
7.377	2.400	24.17800	.26985	105.57000	865.13000	207.92000	9999.00000	.00000	.00000	2.91890
7.385	2.600	24.17700	.26979	105.48000	864.44000	208.42000	9999.00000	.00000	.00000	2.92190
7.372	2.800	24.18700	.26957	105.54000	864.95000	208.88000	9999.00000	.00000	.00000	2.91690
7.368	3.000	24.18600	.26971	105.62000	865.59000	209.33000	9999.00000	.00000	.00000	2.91530
7.358	3.200	24.20000	.26941	105.64000	865.78000	209.77000	9999.00000	.00000	.00000	2.91130
7.375	3.400	24.19800	.26989	105.60000	865.45000	210.25000	9999.00000	.00000	.00000	2.91810
7.368	3.600	24.21000	.26962	105.60000	865.47000	210.64000	9999.00000	.00000	.00000	2.91520
7.365	3.800	24.20800	.26949	105.59000	865.46000	211.19000	9999.00000	.00000	.00000	2.91400

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E156) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = .86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2102/ O RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.363	3.971	24.20800	.26943	105.60000	865.50000	211.98000	9999.00000	.00000	.00000	2.91330
	GRADIENT		.02821	.00007	.11429	.97679	2.52143	.00012	.00000	-.00380

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E057) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 143/ 0 RN/L = 2.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.278	-2.581	27.01100	.09725	116.70000	949.76000	94.45000	.00000	.29194	.11788	.90148
2.279	-2.400	27.01600	.09724	116.68000	949.62000	94.76100	.00000	.29228	.11783	.90164
2.272	-2.200	27.02000	.09721	116.87000	951.21000	95.16700	.00000	.29323	.11778	.89909
2.269	-2.000	27.03000	.09718	116.95000	951.88000	95.52100	.00000	.29359	.11776	.89790
2.265	-1.800	27.03100	.09717	117.10000	953.08000	95.90500	.00000	.29364	.11775	.89621
2.262	-1.600	27.03800	.09719	117.22000	954.12000	96.24600	.00000	.29307	.11775	.89498
2.265	-1.400	27.04900	.09718	117.10000	953.18000	96.57800	.00000	.29334	.11776	.89619
2.263	-1.200	27.05100	.09717	117.16000	953.68000	96.92700	.00000	.29421	.11772	.89551
2.261	-1.000	27.06000	.09718	117.26000	954.49000	97.27100	.00000	.29362	.11765	.89444
2.259	-.800	27.06700	.09715	117.31000	954.93000	97.59300	.00000	.29296	.11765	.89367
2.259	-.600	27.07100	.09721	117.36000	955.33000	97.93400	.00000	.29265	.11763	.89368
2.257	-.400	27.08000	.09718	117.39000	955.65000	98.26000	.00000	.29175	.11763	.89297
2.259	-.200	27.08400	.09716	117.30000	954.90000	98.58400	.00000	.29141	.11765	.89393
2.259	0.000	27.08900	.09717	117.31000	955.03000	98.92600	.00000	.29099	.11761	.89388
2.256	.200	27.10200	.09715	117.40000	955.81000	99.23800	.00000	.29049	.11762	.89265
2.257	.400	27.10300	.09719	117.39000	955.74000	99.54000	.00000	.29099	.11760	.89312
2.262	.600	27.11300	.09719	117.25000	954.60000	99.88500	.00000	.29249	.11756	.89483
2.265	.800	27.12300	.09715	117.08000	953.27000	100.22000	.00000	.29355	.11758	.89635
2.264	1.000	27.12400	.09722	117.18000	954.08000	100.56000	.00000	.29351	.11751	.89588
2.262	1.200	27.13500	.09722	117.27000	954.85000	100.91000	.00000	.29250	.11746	.89482
2.260	1.400	27.14200	.09721	117.32000	955.30000	101.27000	.00000	.29233	.11744	.89414
2.259	1.600	27.14400	.09719	117.34000	955.47000	101.63000	.00000	.29247	.11740	.89379
2.258	1.800	27.15600	.09718	117.35000	955.61000	101.96000	.00000	.29173	.11741	.89354
2.256	2.000	27.16000	.09712	117.39000	955.94000	102.28000	.00000	.29102	.11740	.89260
2.256	2.200	27.16500	.09714	117.41000	956.08000	102.66000	.00000	.29050	.11740	.89265
2.255	2.382	27.17400	.09710	117.42000	956.20000	102.96000	.00000	.29052	.11745	.89211
GRADIENT	.03393	-.00001	-.04107	-.19643	1.61911	.00000	-.00052	-.00005	-.00044	

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OA257 (LARC 20-M6-6559) OV102

(T7E057) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 103/0 RN/L = 7.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.437	-4.814	26.67800	.27370	105.95000	867.30000	196.12000	9999.00000	.00000	.00000	2.94250
7.438	-4.700	26.68600	.27373	105.95000	867.27000	196.92000	9999.00000	.00000	.00000	2.94310
7.453	-4.500	26.68800	.27362	105.77000	865.88000	197.57000	9999.00000	.00000	.00000	2.94900
7.443	-4.300	26.69200	.27316	105.75000	865.73000	198.30000	9999.00000	.00000	.00000	2.94500
7.436	-4.100	26.69500	.27331	105.86000	866.59000	198.94000	9999.00000	.00000	.00000	2.94230
7.440	-3.900	26.70300	.27329	105.81000	866.23000	199.62000	9999.00000	.00000	.00000	2.94400
7.435	-3.700	26.70600	.27324	105.85000	866.56000	200.18000	9999.00000	.00000	.00000	2.94180
7.433	-3.500	26.71600	.27314	105.84000	866.50000	200.86000	9999.00000	.00000	.00000	2.94110
7.440	-3.300	26.71900	.27367	105.92000	867.15000	201.48000	9999.00000	.00000	.00000	2.94370
7.430	-3.100	26.72700	.27325	105.90000	867.00000	202.16000	9999.00000	.00000	.00000	2.94000
7.422	-2.900	26.72900	.27305	105.93000	867.24000	202.75000	9999.00000	.00000	.00000	2.93670
7.411	-2.700	26.74100	.27281	105.97000	867.57000	203.31000	9999.00000	.00000	.00000	2.93250
7.415	-2.500	26.74200	.27303	105.99000	867.75000	203.92000	9999.00000	.00000	.00000	2.93410
7.409	-2.300	26.75400	.27281	105.99000	867.81000	204.52000	9999.00000	.00000	.00000	2.93160
7.421	-2.100	26.75700	.27325	105.99000	867.84000	205.12000	9999.00000	.00000	.00000	2.93620
7.415	-1.900	26.77000	.27317	106.03000	868.13000	205.70000	9999.00000	.00000	.00000	2.93390
7.419	-1.700	26.76800	.27330	106.03000	868.15000	206.26000	9999.00000	.00000	.00000	2.93540
7.418	-1.500	26.78300	.27318	106.00000	867.95000	206.81000	9999.00000	.00000	.00000	2.93520
7.439	-1.300	26.78600	.27386	105.98000	867.77000	207.43000	9999.00000	.00000	.00000	2.94350
7.434	-1.100	26.80200	.27353	105.94000	867.49000	207.94000	9999.00000	.00000	.00000	2.94150
7.446	-.900	26.80200	.27403	105.96000	867.62000	208.55000	9999.00000	.00000	.00000	2.94630
7.442	-.700	26.81300	.27393	105.97000	867.72000	209.03000	9999.00000	.00000	.00000	2.94480
7.429	-.500	26.81200	.27354	106.00000	868.00000	209.62000	9999.00000	.00000	.00000	2.93930
7.423	-.300	26.82300	.27300	105.91000	867.30000	210.18000	9999.00000	.00000	.00000	2.93710
7.439	-.100	26.82500	.27314	105.80000	866.39000	210.75000	9999.00000	.00000	.00000	2.94330
7.416	.100	26.83100	.27256	105.87000	866.98000	211.22000	9999.00000	.00000	.00000	2.93420
7.407	.300	26.83600	.27250	105.94000	867.57000	211.79000	9999.00000	.00000	.00000	2.93060
7.387	.500	26.84300	.27181	105.95000	867.68000	212.33000	9999.00000	.00000	.00000	2.92280
7.380	.700	26.84700	.27157	105.96000	867.72000	212.90000	9999.00000	.00000	.00000	2.92000
7.359	.900	26.84600	.27085	105.97000	867.82000	213.38000	9999.00000	.00000	.00000	2.91190
7.350	1.100	26.84900	.27041	105.95000	867.65000	213.92000	9999.00000	.00000	.00000	2.90810
7.350	1.300	26.85600	.27026	105.90000	867.30000	214.34000	9999.00000	.00000	.00000	2.90830
7.343	1.500	26.86200	.26987	105.87000	867.06000	214.90000	9999.00000	.00000	.00000	2.90540
7.349	1.700	26.86400	.26982	105.80000	866.50000	215.37000	9999.00000	.00000	.00000	2.90780
7.341	1.900	26.87400	.26982	105.88000	867.15000	215.89000	9999.00000	.00000	.00000	2.90460
7.345	2.100	26.87800	.27025	105.95000	867.76000	216.35000	9999.00000	.00000	.00000	2.90630
7.335	2.300	26.88900	.27001	105.98000	868.05000	216.82000	9999.00000	.00000	.00000	2.90230
7.340	2.500	26.89100	.27011	105.97000	867.91000	217.31000	9999.00000	.00000	.00000	2.90420
7.336	2.700	26.90300	.26979	105.92000	867.56000	217.78000	9999.00000	.00000	.00000	2.90260
7.338	2.900	26.90300	.26984	105.91000	867.49000	218.30000	9999.00000	.00000	.00000	2.90360
7.330	3.100	26.91400	.26986	106.00000	868.22000	218.79000	9999.00000	.00000	.00000	2.90020
7.319	3.300	26.91200	.26960	106.04000	868.57000	219.24000	9999.00000	.00000	.00000	2.89580

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E057) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AIRRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 103/ 0 RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.321	3.500	26.92500	.26938	105.95000	867.87000	219.67000	9999.00000	.00000	.00000	2.89690
7.327	3.700	26.91800	.26967	105.98000	868.11000	220.30000	9999.00000	.00000	.00000	2.89900
	GRADIENT	.02857	-.00153	-.01286	-.02856	2.69286	.00000	.00000	.00000	-.01587

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E157) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2143/ 0 RN/L = 2.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.280	-2.500	27.01000	.09727	116.66000	949.41000	94.59200	.00000	.29201	.11784	.90218
2.275	-2.300	27.02100	.09721	116.78000	950.48000	94.98100	.00000	.29294	.11779	.90014
2.271	-2.100	27.02300	.09720	116.91000	951.56000	95.31500	.00000	.29365	.11778	.89856
2.268	-1.900	27.02900	.09718	117.02000	952.44000	95.72200	.00000	.29357	.11775	.89720
2.262	-1.700	27.04300	.09717	117.18000	953.77000	96.06300	.00000	.29317	.11774	.89521
2.264	-1.500	27.04300	.09721	117.18000	953.76000	96.40200	.00000	.29317	.11778	.89566
2.265	-1.300	27.05000	.09719	117.12000	953.32000	96.77200	.00000	.29403	.11773	.89620
2.261	-1.100	27.05700	.09714	117.22000	954.15000	97.10100	.00000	.29387	.11769	.89457
2.260	-.900	27.06100	.09719	117.28000	954.72000	97.42100	.00000	.29325	.11764	.89431
2.259	-.700	27.07000	.09719	117.34000	955.16000	97.77700	.00000	.29315	.11763	.89368
2.257	-.500	27.07600	.09718	117.38000	955.57000	98.08700	.00000	.29186	.11764	.89307
2.258	-.300	27.07900	.09719	117.35000	955.30000	98.41800	.00000	.29156	.11764	.89362
2.259	-.100	27.09500	.09713	117.28000	954.80000	98.75700	.00000	.29130	.11762	.89385
2.258	.100	27.09400	.09718	117.36000	955.42000	99.05600	.00000	.29076	.11765	.89346
2.256	.300	27.10200	.09717	117.42000	955.93000	99.39300	.00000	.29050	.11760	.89267
2.259	.500	27.10900	.09720	117.35000	955.39000	99.70500	.00000	.29183	.11759	.89371
2.265	.700	27.11300	.09718	117.11000	953.51000	100.05000	.00000	.29298	.11758	.89627
2.265	.900	27.12600	.09721	117.14000	953.78000	100.39000	.00000	.29412	.11754	.89618
2.263	1.100	27.13200	.09722	117.20000	954.28000	100.74000	.00000	.29261	.11751	.89561
2.260	1.300	27.13300	.09723	117.32000	955.24000	101.10000	.00000	.29270	.11745	.89439
2.259	1.500	27.14600	.09719	117.33000	955.34000	101.43000	.00000	.29226	.11740	.89400
2.258	1.700	27.14700	.09717	117.36000	955.61000	101.77000	.00000	.29221	.11742	.89345
2.258	1.900	27.15500	.09715	117.36000	955.65000	102.14000	.00000	.29131	.11739	.89329
2.255	2.100	27.16600	.09711	117.42000	956.19000	102.47000	.00000	.29058	.11739	.89221
2.256	2.300	27.16600	.09712	117.39000	955.98000	102.80000	.00000	.29086	.11744	.89264
	GRADIENT	.03329	.00001	.02000	.22999	1.61629	.00000	-.00055	-.00005	-.00001

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E157) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2103/ 0 RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.435	-4.800	26.68200	.27364	105.95000	867.31000	196.31000	9999.00000	.00000	.00000	2.94180
7.448	-4.600	26.68400	.27381	105.87000	866.67000	197.25000	9999.00000	.00000	.00000	2.94700
7.449	-4.400	26.69400	.27332	105.74000	865.57000	197.88000	9999.00000	.00000	.00000	2.94750
7.442	-4.200	26.69000	.27336	105.81000	866.21000	198.62000	9999.00000	.00000	.00000	2.94480
7.442	-4.000	26.70300	.27344	105.83000	866.40000	199.27000	9999.00000	.00000	.00000	2.94470
7.438	-3.800	26.70000	.27321	105.82000	866.28000	199.95000	9999.00000	.00000	.00000	2.94290
7.434	-3.600	26.71500	.27323	105.86000	866.62000	200.49000	9999.00000	.00000	.00000	2.94150
7.436	-3.400	26.71700	.27335	105.88000	866.78000	201.21000	9999.00000	.00000	.00000	2.94210
7.436	-3.200	26.73000	.27358	105.93000	867.25000	201.77000	9999.00000	.00000	.00000	2.94220
7.426	-3.000	26.72600	.27312	105.91000	867.07000	202.49000	9999.00000	.00000	.00000	2.93840
7.416	-2.800	26.73800	.27293	105.95000	867.46000	203.01000	9999.00000	.00000	.00000	2.93430
7.412	-2.600	26.74100	.27284	105.97000	867.58000	203.62000	9999.00000	.00000	.00000	2.93290
7.413	-2.400	26.74900	.27304	106.01000	867.94000	204.20000	9999.00000	.00000	.00000	2.93330
7.413	-2.200	26.75100	.27293	105.98000	867.75000	204.85000	9999.00000	.00000	.00000	2.93320
7.419	-2.000	26.76400	.27323	106.01000	867.97000	205.38000	9999.00000	.00000	.00000	2.93540
7.415	-1.800	26.76800	.27320	106.04000	868.19000	205.99000	9999.00000	.00000	.00000	2.93400
7.418	-1.600	26.77600	.27324	106.02000	868.05000	206.53000	9999.00000	.00000	.00000	2.93530
7.426	-1.400	26.78400	.27346	106.00000	867.91000	207.12000	9999.00000	.00000	.00000	2.93840
7.437	-1.200	26.79300	.27372	105.96000	867.65000	207.67000	9999.00000	.00000	.00000	2.94270
7.440	-1.000	26.79900	.27377	105.95000	867.53000	208.27000	9999.00000	.00000	.00000	2.94390
7.448	-.800	26.80500	.27409	105.96000	867.63000	208.78000	9999.00000	.00000	.00000	2.94690
7.436	-.600	26.81600	.27380	106.00000	867.96000	209.31000	9999.00000	.00000	.00000	2.94220
7.422	-.400	26.81300	.27317	105.97000	867.74000	209.89000	9999.00000	.00000	.00000	2.93660
7.431	-.200	26.82900	.27307	105.86000	866.84000	210.48000	9999.00000	.00000	.00000	2.94020
7.427	.000	26.82600	.27278	105.82000	866.59000	211.00000	9999.00000	.00000	.00000	2.93850
7.411	.200	26.83800	.27255	105.91000	867.31000	211.49000	9999.00000	.00000	.00000	2.93250
7.396	.400	26.83600	.27216	105.95000	867.66000	212.08000	9999.00000	.00000	.00000	2.92660
7.383	.600	26.84600	.27164	105.95000	867.67000	212.60000	9999.00000	.00000	.00000	2.92110
7.373	.800	26.84300	.27138	105.97000	867.87000	213.13000	9999.00000	.00000	.00000	2.91730
7.348	1.000	26.85100	.27038	105.96000	867.74000	213.61000	9999.00000	.00000	.00000	2.90730
7.354	1.200	26.85200	.27047	105.93000	867.49000	214.16000	9999.00000	.00000	.00000	2.90960
7.342	1.400	26.86200	.26993	105.89000	867.25000	214.60000	9999.00000	.00000	.00000	2.90510
7.344	1.600	26.85900	.26980	105.84000	866.84000	215.16000	9999.00000	.00000	.00000	2.90580
7.345	1.800	26.87300	.26975	105.82000	866.63000	215.62000	9999.00000	.00000	.00000	2.90640
7.346	2.000	26.87500	.27017	105.92000	867.51000	216.13000	9999.00000	.00000	.00000	2.90660
7.338	2.200	26.88600	.27005	105.97000	867.92000	216.56000	9999.00000	.00000	.00000	2.90330
7.339	2.400	26.88700	.27017	105.98000	868.05000	217.09000	9999.00000	.00000	.00000	2.90400
7.337	2.600	26.89500	.26984	105.93000	867.60000	217.53000	9999.00000	.00000	.00000	2.90300
7.340	2.800	26.90100	.26992	105.91000	867.51000	218.07000	9999.00000	.00000	.00000	2.90440
7.334	3.000	26.90900	.26980	105.95000	867.79000	218.54000	9999.00000	.00000	.00000	2.90170
7.324	3.200	26.91200	.26976	106.03000	868.49000	219.04000	9999.00000	.00000	.00000	2.89780
7.316	3.400	26.91700	.26941	106.02000	868.38000	219.46000	9999.00000	.00000	.00000	2.89470

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OA257 (LARC 20-M6-6559) OV102

(T7E157) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2103/ 0 RN/L = 7.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.322	3.600	26.92100	.26948	105.97000	868.02000	220.01000	9999.00000	.00000	.00000	2.89730
7.333	3.737	26.91500	.26951	105.88000	867.29000	221.20000	9999.00000	.00000	.00000	2.90160
GRADIENT		.02589	-.00161	-.02500	-.09999	2.72500	.00012	.00000	.00000	-.01625

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E058) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 142/ O RN/L = 2.32 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.313	-2.656	29.41500	.09987	117.52000	955.26000	104.40000	.00000	.29574	.11976	.91539
2.320	-2.500	29.41300	.09989	117.34000	953.72000	104.70000	.00000	.29615	.11975	.91777
2.321	-2.300	29.42200	.09987	117.28000	953.25000	105.13000	.00000	.29685	.11972	.91823
2.320	-2.100	29.43300	.09983	117.28000	953.30000	105.53000	.00000	.29675	.11977	.91781
2.321	-1.900	29.43200	.09987	117.26000	953.14000	105.96000	.00000	.29682	.11979	.91845
2.320	-1.700	29.44500	.09991	117.32000	953.59000	106.38000	.00000	.29708	.11978	.91811
2.322	-1.500	29.45400	.09991	117.25000	953.04000	106.76000	.00000	.29626	.11979	.91895
2.329	-1.300	29.45500	.10002	117.13000	952.02000	107.20000	.00000	.29762	.11982	.92146
2.324	-1.100	29.46800	.09994	117.21000	952.70000	107.61000	.00000	.29837	.11982	.91974
2.326	-.900	29.47500	.09994	117.14000	952.16000	107.99000	.00000	.29866	.11984	.92049
2.337	-.700	29.47900	.09999	116.84000	949.71000	108.45000	.00000	.29963	.11981	.92453
2.333	-.500	29.49000	.09995	116.93000	950.45000	108.86000	.00000	.29880	.11978	.92301
2.329	-.300	29.49700	.09995	117.06000	951.51000	109.30000	.00000	.29726	.11977	.92149
2.328	-.100	29.50100	.09998	117.12000	951.95000	109.71000	.00000	.29770	.11976	.92114
2.325	.100	29.51400	.09999	117.23000	952.85000	110.14000	.00000	.29770	.11975	.91990
2.322	.300	29.51600	.09993	117.27000	953.16000	110.60000	.00000	.29752	.11973	.91891
2.323	.500	29.52200	.09992	117.24000	952.94000	111.06000	.00000	.29711	.11969	.91913
2.326	.700	29.53200	.09982	117.04000	951.36000	111.54000	.00000	.29677	.11972	.92052
2.323	.900	29.53300	.09971	117.07000	951.59000	112.04000	.00000	.29694	.11973	.91922
2.322	1.100	29.54400	.09961	117.04000	951.32000	112.58000	.00000	.29675	.11966	.91864
2.323	1.300	29.55200	.09950	116.91000	950.30000	113.09000	.00000	.29798	.11960	.91915
2.321	1.500	29.55100	.09946	116.93000	950.42000	113.61000	.00000	.29838	.11952	.91854
2.316	1.700	29.56300	.09937	117.06000	951.48000	114.18000	.00000	.29890	.11940	.91622
2.312	1.900	29.57100	.09919	117.03000	951.22000	114.70000	.00000	.29986	.11934	.91497
2.314	2.100	29.57200	.09908	116.90000	950.17000	115.23000	.00000	.29943	.11920	.91544
2.313	2.300	29.58500	.09893	116.81000	949.42000	115.77000	.00000	.29929	.11906	.91513
	GRADIENT	.03286	-.00003	.32714	2.61430	2.19000	.00000	-.00110	-.00008	-.00405

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0A257 (LARC 20-M6-6559) OV102

(T7E058) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 109/ O RN/L = 4.36 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.443	-4.645	29.23900	.16447	105.89000	856.73000	143.76000	9999.00000	.00000	.00000	1.75780
4.440	-4.500	29.24800	.16439	105.91000	856.91000	145.37000	9999.00000	.00000	.00000	1.75660
4.442	-4.300	29.24500	.16426	105.82000	856.20000	145.91000	9999.00000	.00000	.00000	1.75740
4.433	-4.100	29.25200	.16420	105.93000	857.10000	146.49000	9999.00000	.00000	.00000	1.75410
4.429	-3.900	29.25200	.16424	106.02000	857.81000	147.03000	9999.00000	.00000	.00000	1.75240
4.420	-3.700	29.26600	.16413	106.11000	858.54000	147.56000	9999.00000	.00000	.00000	1.74900
4.418	-3.500	29.26500	.16407	106.12000	858.65000	148.16000	9999.00000	.00000	.00000	1.74810
4.421	-3.300	29.28000	.16399	106.03000	857.99000	148.74000	9999.00000	.00000	.00000	1.74940
4.414	-3.100	29.27900	.16378	106.06000	858.22000	149.35000	9999.00000	.00000	.00000	1.74640
4.402	-2.900	29.29100	.16337	106.08000	858.42000	149.93000	9999.00000	.00000	.00000	1.74160
4.389	-2.700	29.29200	.16317	106.19000	859.27000	150.58000	9999.00000	.00000	.00000	1.73680
4.383	-2.500	29.30000	.16303	106.23000	859.64000	151.20000	9999.00000	.00000	.00000	1.73440
4.378	-2.300	29.30500	.16297	106.29000	860.10000	151.91000	9999.00000	.00000	.00000	1.73230
4.373	-2.100	29.31500	.16286	106.32000	860.40000	152.52000	9999.00000	.00000	.00000	1.73040
4.368	-1.900	29.32500	.16281	106.37000	860.82000	153.22000	9999.00000	.00000	.00000	1.72850
4.366	-1.700	29.32800	.16268	106.37000	860.77000	153.84000	9999.00000	.00000	.00000	1.72740
4.363	-1.500	29.33800	.16264	106.39000	860.99000	154.53000	9999.00000	.00000	.00000	1.72640
4.368	-1.300	29.33800	.16263	106.30000	860.27000	155.20000	9999.00000	.00000	.00000	1.72850
4.372	-1.100	29.35300	.16258	106.23000	859.68000	155.86000	9999.00000	.00000	.00000	1.72980
4.369	-.900	29.35400	.16265	106.29000	860.21000	156.55000	9999.00000	.00000	.00000	1.72890
4.362	-.700	29.36600	.16254	106.36000	860.82000	157.23000	9999.00000	.00000	.00000	1.72600
4.356	-.500	29.36500	.16257	106.47000	861.72000	157.96000	9999.00000	.00000	.00000	1.72360
4.351	-.300	29.38200	.16242	106.50000	861.93000	158.62000	9999.00000	.00000	.00000	1.72150
4.349	-.100	29.38300	.16244	106.55000	862.33000	159.40000	9999.00000	.00000	.00000	1.72060
4.348	.100	29.39500	.16243	106.56000	862.45000	160.11000	9999.00000	.00000	.00000	1.72020
4.345	.300	29.39700	.16236	106.57000	862.58000	160.92000	9999.00000	.00000	.00000	1.71910
4.348	.500	29.40600	.16229	106.50000	862.00000	161.60000	9999.00000	.00000	.00000	1.72020
4.346	.700	29.41200	.16230	106.54000	862.30000	162.36000	9999.00000	.00000	.00000	1.71950
4.338	.900	29.41600	.16221	106.62000	862.99000	163.11000	9999.00000	.00000	.00000	1.71650
4.336	1.100	29.43000	.16216	106.63000	863.06000	163.83000	9999.00000	.00000	.00000	1.71570
4.331	1.300	29.42800	.16207	106.67000	863.44000	164.57000	9999.00000	.00000	.00000	1.71370
4.328	1.500	29.44300	.16189	106.65000	863.31000	165.32000	9999.00000	.00000	.00000	1.71230
4.322	1.700	29.43900	.16178	106.69000	863.64000	166.04000	9999.00000	.00000	.00000	1.71020
4.325	1.900	29.45600	.16156	106.56000	862.56000	166.81000	9999.00000	.00000	.00000	1.71110
4.320	2.100	29.45300	.16149	106.60000	862.92000	167.54000	9999.00000	.00000	.00000	1.70940
4.309	2.300	29.46700	.16125	106.67000	863.51000	168.27000	9999.00000	.00000	.00000	1.70510
4.311	2.500	29.46300	.16127	106.66000	863.44000	168.96000	9999.00000	.00000	.00000	1.70560
4.304	2.700	29.48000	.16106	106.68000	863.63000	169.67000	9999.00000	.00000	.00000	1.70290
4.309	2.900	29.48000	.16101	106.58000	862.81000	170.40000	9999.00000	.00000	.00000	1.70490
4.302	3.100	29.49200	.16080	106.60000	862.97000	171.01000	9999.00000	.00000	.00000	1.70220
4.300	3.300	29.49300	.16076	106.61000	863.08000	171.76000	9999.00000	.00000	.00000	1.70150
4.294	3.500	29.49900	.16065	106.67000	863.60000	172.56000	9999.00000	.00000	.00000	1.69890
	GRADIENT	.03743	-.00023	.05286	.49571	3.68714	.00000	.00000	.00000	-.00351

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OA257 (LARC 20-M6-6559) OV102

(T7E058) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 104/ O RN/L = 7.44 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS.	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.479	-4.784	29.22200	.27419	105.61000	863.14000	167.09000	.00000	.00000	.00000	2.95930
7.488	-4.600	29.23200	.27407	105.50000	862.22000	168.86000	.00000	.00000	.00000	2.96290
7.511	-4.400	29.24400	.27468	105.44000	861.76000	169.99000	.00000	.00000	.00000	2.97190
7.498	-4.200	29.24400	.27453	105.52000	862.44000	171.17000	.00000	.00000	.00000	2.96690
7.484	-4.000	29.25800	.27436	105.62000	863.24000	172.30000	.00000	.00000	.00000	2.96110
7.485	-3.800	29.25900	.27471	105.70000	863.91000	173.37000	.00000	.00000	.00000	2.96150
7.466	-3.600	29.26900	.27405	105.70000	863.96000	174.41000	.00000	.00000	.00000	2.95430
7.446	-3.400	29.26600	.27287	105.59000	863.06000	175.60000	.00000	.00000	.00000	2.94620
7.430	-3.200	29.27500	.27236	105.61000	863.27000	176.59000	.00000	.00000	.00000	2.93970
7.406	-3.000	29.27400	.27149	105.62000	863.31000	177.66000	.00000	.00000	.00000	2.93030
7.399	-2.800	29.27700	.27105	105.56000	862.89000	178.61000	.00000	.00000	.00000	2.92770
7.403	-2.600	29.28700	.27135	105.60000	863.23000	179.64000	.00000	.00000	.00000	2.92930
7.396	-2.400	29.29700	.27139	105.68000	863.89000	180.62000	.00000	.00000	.00000	2.92650
7.393	-2.200	29.30200	.27120	105.66000	863.74000	181.63000	.00000	.00000	.00000	2.92530
7.390	-2.000	29.30700	.27110	105.67000	863.81000	182.57000	.00000	.00000	.00000	2.92400
7.404	-1.800	29.32400	.27193	105.75000	864.46000	183.51000	.00000	.00000	.00000	2.92970
7.406	-1.600	29.32500	.27208	105.77000	864.68000	184.45000	.00000	.00000	.00000	2.93030
7.404	-1.400	29.33400	.27164	105.68000	863.95000	185.42000	.00000	.00000	.00000	2.92940
7.411	-1.200	29.34100	.27200	105.71000	864.19000	186.35000	.00000	.00000	.00000	2.93220
7.404	-1.000	29.35300	.27192	105.75000	864.55000	187.25000	.00000	.00000	.00000	2.92950
7.404	-.800	29.35200	.27212	105.81000	865.02000	188.14000	.00000	.00000	.00000	2.92940
7.393	-.600	29.36800	.27181	105.83000	865.21000	189.03000	.00000	.00000	.00000	2.92520
7.391	-.400	29.36400	.27147	105.76000	864.67000	189.93000	.00000	.00000	.00000	2.92440
7.409	-.200	29.38400	.27210	105.75000	864.60000	190.74000	.00000	.00000	.00000	2.93160
7.410	.000	29.38400	.27213	105.75000	864.65000	191.62000	.00000	.00000	.00000	2.93180
7.412	.200	29.40100	.27232	105.78000	864.87000	192.46000	.00000	.00000	.00000	2.93280
7.438	.400	29.40800	.27312	105.75000	864.60000	193.34000	.00000	.00000	.00000	2.94290
7.438	.600	29.42100	.27318	105.76000	864.73000	194.17000	.00000	.00000	.00000	2.94300
7.438	.800	29.42000	.27329	105.78000	864.95000	195.03000	.00000	.00000	.00000	2.94320
7.436	1.000	29.43400	.27299	105.73000	864.55000	195.84000	.00000	.00000	.00000	2.94210
7.454	1.200	29.43600	.27369	105.74000	864.63000	196.66000	.00000	.00000	.00000	2.94930
7.455	1.400	29.45100	.27385	105.77000	864.92000	197.45000	.00000	.00000	.00000	2.94970
7.464	1.600	29.45200	.27404	105.74000	864.63000	198.25000	.00000	.00000	.00000	2.95320
7.483	1.800	29.47000	.27483	105.76000	864.86000	199.02000	.00000	.00000	.00000	2.96070
7.488	2.000	29.47000	.27501	105.76000	864.84000	199.83000	.00000	.00000	.00000	2.96280
7.487	2.200	29.48500	.27437	105.61000	863.62000	200.55000	.00000	.00000	.00000	2.96230
7.496	2.400	29.48000	.27445	105.54000	863.07000	201.39000	.00000	.00000	.00000	2.96600
7.486	2.600	29.49300	.27412	105.55000	863.14000	202.11000	.00000	.00000	.00000	2.96220
7.483	2.800	29.49300	.27436	105.64000	863.93000	202.83000	.00000	.00000	.00000	2.96100
7.485	3.000	29.51100	.27485	105.76000	864.88000	203.53000	.00000	.00000	.00000	2.96150
7.494	3.200	29.51200	.27526	105.78000	865.06000	204.24000	.00000	.00000	.00000	2.96500
7.482	3.400	29.52300	.27481	105.77000	865.05000	204.91000	.00000	.00000	.00000	2.96030

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E058) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 104/0 RN/L = 7.44 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLDOR	PCEIL	RN
7.488	3.600	29.52000	.27484	105.73000	864.67000	205.97000	.00000	.00000	.00000	2.96270
	GRADIENT	.04714	.00136	-.03571	-.23392	4.27857	.00000	.00000	.00000	.01636

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E158) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2142/ 0 RN/L = 2.32 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.316	-2.600	29.41100	.09990	117.45000	954.64000	104.51000	.00000	.29574	.11974	.91648
2.320	-2.400	29.42300	.09985	117.28000	953.29000	104.91000	.00000	.29698	.11973	.91799
2.320	-2.200	29.42300	.09983	117.28000	953.27000	105.33000	.00000	.29687	.11976	.91789
2.321	-2.000	29.43300	.09987	117.28000	953.29000	105.76000	.00000	.29653	.11977	.91820
2.321	-1.800	29.44100	.09987	117.28000	953.28000	106.16000	.00000	.29712	.11980	.91822
2.321	-1.600	29.44600	.09994	117.33000	953.64000	106.57000	.00000	.29664	.11979	.91829
2.327	-1.400	29.45800	.01000	117.15000	952.25000	107.01000	.00000	.29697	.11978	.92093
2.326	-1.200	29.46200	.09997	117.17000	952.35000	107.39000	.00000	.29803	.11984	.92046
2.325	-1.000	29.46900	.09995	117.21000	952.71000	107.81000	.00000	.29856	.11983	.91978
2.329	-.800	29.47900	.09992	117.04000	951.32000	108.22000	.00000	.29930	.11982	.92154
2.336	-.600	29.48500	.09993	116.82000	949.53000	108.62000	.00000	.29926	.11981	.92424
2.330	-.400	29.49000	.09995	117.03000	951.27000	109.07000	.00000	.29776	.11977	.92187
2.328	-.200	29.50300	.09996	117.09000	951.69000	109.51000	.00000	.29752	.11976	.92130
2.327	.000	29.50700	.10000	117.18000	952.44000	109.91000	.00000	.29766	.11976	.92063
2.324	.200	29.51300	.09999	117.25000	953.06000	110.39000	.00000	.29770	.11973	.91965
2.322	.400	29.52300	.09988	117.26000	953.07000	110.81000	.00000	.29735	.11970	.91864
2.324	.600	29.52500	.09987	117.17000	952.34000	111.29000	.00000	.29700	.11972	.91960
2.326	.800	29.53200	.09978	117.04000	951.31000	111.80000	.00000	.29703	.11972	.92025
2.321	1.000	29.54600	.09965	117.09000	951.69000	112.31000	.00000	.29657	.11971	.91852
2.324	1.200	29.54400	.09958	116.96000	950.64000	112.85000	.00000	.29735	.11964	.91936
2.322	1.400	29.55300	.09949	116.93000	950.43000	113.37000	.00000	.29825	.11955	.91880
2.319	1.600	29.56100	.09942	116.99000	950.88000	113.89000	.00000	.29841	.11946	.91749
2.314	1.800	29.56000	.09931	117.06000	951.44000	114.42000	.00000	.29966	.11938	.91575
2.311	2.000	29.57300	.09911	117.00000	951.03000	114.98000	.00000	.29956	.11926	.91450
2.315	2.200	29.58100	.09899	116.78000	949.17000	115.45000	.00000	.29934	.11911	.91601
2.313	2.304	29.58500	.09893	116.81000	949.45000	115.78000	.00000	.29929	.11906	.91508
	GRADIENT	.03500	-.00005	.29822	2.39286	2.20893	.00000	-.00133	-.00008	-.00393

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E158) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2109/ O RN/L = 4.36 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.443	-4.600	29.24200	.16445	105.87000	856.60000	145.01000	9999.00000	.00000	.00000	1.75810
4.440	-4.400	29.24300	.16436	105.89000	856.75000	145.66000	9999.00000	.00000	.00000	1.75680
4.437	-4.200	29.25200	.16421	105.87000	856.59000	146.19000	9999.00000	.00000	.00000	1.75580
4.431	-4.000	29.25200	.16423	105.97000	857.46000	146.77000	9999.00000	.00000	.00000	1.75330
4.425	-3.800	29.26000	.16417	106.05000	858.07000	147.28000	9999.00000	.00000	.00000	1.75090
4.418	-3.600	29.26600	.16411	106.14000	858.78000	147.88000	9999.00000	.00000	.00000	1.74810
4.419	-3.400	29.27200	.16403	106.09000	858.42000	148.44000	9999.00000	.00000	.00000	1.74840
4.419	-3.200	29.27800	.16390	106.04000	858.02000	149.08000	9999.00000	.00000	.00000	1.74840
4.409	-3.000	29.28400	.16359	106.06000	858.23000	149.62000	9999.00000	.00000	.00000	1.74440
4.394	-2.800	29.29300	.16323	106.15000	858.94000	150.26000	9999.00000	.00000	.00000	1.73840
4.388	-2.600	29.29300	.16313	106.20000	859.39000	150.89000	9999.00000	.00000	.00000	1.73610
4.379	-2.400	29.30700	.16296	106.27000	859.97000	151.55000	9999.00000	.00000	.00000	1.73260
4.376	-2.200	29.30700	.16294	106.31000	860.28000	152.24000	9999.00000	.00000	.00000	1.73150
4.370	-2.000	29.32400	.16282	106.35000	860.64000	152.87000	9999.00000	.00000	.00000	1.72920
4.368	-1.800	29.32400	.16279	106.37000	860.77000	153.55000	9999.00000	.00000	.00000	1.72850
4.362	-1.600	29.33800	.16261	106.39000	860.96000	154.18000	9999.00000	.00000	.00000	1.72610
4.366	-1.400	29.33500	.16269	106.37000	860.79000	154.91000	9999.00000	.00000	.00000	1.72750
4.370	-1.200	29.34900	.16257	106.25000	859.84000	155.53000	9999.00000	.00000	.00000	1.72920
4.371	-1.000	29.35100	.16263	106.26000	859.96000	156.23000	9999.00000	.00000	.00000	1.72950
4.366	-.800	29.36100	.16258	106.32000	860.48000	156.88000	9999.00000	.00000	.00000	1.72750
4.359	.600	29.36900	.16253	106.41000	861.23000	157.56000	9999.00000	.00000	.00000	1.72470
4.353	-.400	29.37100	.16248	106.49000	861.87000	158.32000	9999.00000	.00000	.00000	1.72230
4.350	-.200	29.38300	.16241	106.51000	862.04000	159.02000	9999.00000	.00000	.00000	1.72110
4.348	.000	29.38500	.16246	106.56000	862.46000	159.75000	9999.00000	.00000	.00000	1.72040
4.345	.200	29.39900	.16237	106.57000	862.51000	160.52000	9999.00000	.00000	.00000	1.71940
4.346	.400	29.39500	.16235	106.54000	862.32000	161.29000	9999.00000	.00000	.00000	1.71980
4.346	.600	29.41500	.16228	106.52000	862.15000	161.97000	9999.00000	.00000	.00000	1.71960
4.342	.800	29.41100	.16228	106.58000	862.64000	162.77000	9999.00000	.00000	.00000	1.71820
4.337	1.000	29.42600	.16217	106.62000	863.03000	163.45000	9999.00000	.00000	.00000	1.71590
4.334	1.200	29.42500	.16212	106.65000	863.29000	164.23000	9999.00000	.00000	.00000	1.71470
4.329	1.400	29.43800	.16194	106.66000	863.35000	164.93000	9999.00000	.00000	.00000	1.71270
4.325	1.600	29.43900	.16187	106.69000	863.61000	165.69000	9999.00000	.00000	.00000	1.71120
4.323	1.800	29.44900	.16166	106.62000	863.04000	166.39000	9999.00000	.00000	.00000	1.71070
4.324	2.000	29.45300	.16156	106.57000	862.66000	167.18000	9999.00000	.00000	.00000	1.71090
4.314	2.200	29.45600	.16136	106.64000	863.24000	167.87000	9999.00000	.00000	.00000	1.70710
4.310	2.400	29.46800	.16127	106.67000	863.53000	168.64000	9999.00000	.00000	.00000	1.70530
4.307	2.600	29.46900	.16115	106.66000	863.45000	169.31000	9999.00000	.00000	.00000	1.70430
4.303	2.800	29.48200	.16098	106.66000	863.42000	170.00000	9999.00000	.00000	.00000	1.70260
4.306	3.000	29.48200	.16088	106.57000	862.76000	170.71000	9999.00000	.00000	.00000	1.70360
4.300	3.200	29.49500	.16077	106.62000	863.16000	171.39000	9999.00000	.00000	.00000	1.70130
4.300	3.400	29.49000	.16076	106.61000	863.08000	172.09000	9999.00000	.00000	.00000	1.70150
4.292	3.537	29.49800	.16065	106.71000	863.87000	173.07000	9999.00000	.00000	.00000	1.69810
		GRADIENT	.03607	-.00019	.08750	.73752	3.69107	.00012	.00000	-.00393

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OA257 (LARC 20-M6-6559) OV102

(T7E158) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2104/ O RN/L = 7.44 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.492	-4.700	29.23800	.27417	105.49000	862.16000	168.21000	.00000	.00000	.00000	2.96430
7.497	-4.500	29.23600	.27433	105.48000	862.07000	169.43000	.00000	.00000	.00000	2.96650
7.509	-4.300	29.24700	.27464	105.45000	861.86000	170.56000	.00000	.00000	.00000	2.97110
7.489	-4.100	29.24600	.27436	105.57000	862.85000	171.71000	.00000	.00000	.00000	2.96310
7.482	-3.900	29.26200	.27451	105.67000	863.68000	172.78000	.00000	.00000	.00000	2.96050
7.481	-3.700	29.26100	.27468	105.72000	864.15000	173.94000	.00000	.00000	.00000	2.96010
7.455	-3.500	29.27100	.27330	105.62000	863.28000	174.99000	.00000	.00000	.00000	2.94970
7.443	-3.300	29.26700	.27276	105.59000	863.06000	176.08000	.00000	.00000	.00000	2.94510
7.414	-3.100	29.27800	.27183	105.62000	863.36000	177.17000	.00000	.00000	.00000	2.93360
7.396	-2.900	29.27000	.27117	105.62000	863.34000	178.16000	.00000	.00000	.00000	2.92660
7.404	-2.700	29.28600	.27112	105.54000	862.69000	179.11000	.00000	.00000	.00000	2.92960
7.396	-2.500	29.28800	.27128	105.66000	863.69000	180.16000	.00000	.00000	.00000	2.92630
7.393	-2.300	29.30400	.27129	105.69000	863.93000	181.10000	.00000	.00000	.00000	2.92530
7.401	-2.100	29.30400	.27136	105.63000	863.53000	182.07000	.00000	.00000	.00000	2.92820
7.391	-1.900	29.31900	.27132	105.71000	864.17000	183.03000	.00000	.00000	.00000	2.92460
7.410	-1.700	29.32100	.27224	105.77000	864.70000	184.02000	.00000	.00000	.00000	2.93190
7.401	-1.500	29.33200	.27170	105.72000	864.27000	184.92000	.00000	.00000	.00000	2.92830
7.409	-1.300	29.33300	.27192	105.70000	864.08000	185.92000	.00000	.00000	.00000	2.93170
7.406	-1.100	29.34800	.27187	105.72000	864.26000	186.80000	.00000	.00000	.00000	2.93040
7.406	-.900	29.35300	.27208	105.77000	864.74000	187.70000	.00000	.00000	.00000	2.93030
7.398	-.700	29.36600	.27203	105.84000	865.27000	188.57000	.00000	.00000	.00000	2.92720
7.390	-.500	29.36400	.27156	105.79000	864.90000	189.49000	.00000	.00000	.00000	2.92420
7.403	-.300	29.37700	.27186	105.75000	864.56000	190.32000	.00000	.00000	.00000	2.92920
7.407	-.100	29.38200	.27203	105.76000	864.66000	191.23000	.00000	.00000	.00000	2.93060
7.415	.100	29.39500	.27235	105.76000	864.68000	192.02000	.00000	.00000	.00000	2.93410
7.426	.300	29.40400	.27278	105.77000	864.79000	192.93000	.00000	.00000	.00000	2.93830
7.436	.500	29.41300	.27312	105.76000	864.75000	193.73000	.00000	.00000	.00000	2.94210
7.441	.700	29.42000	.27333	105.77000	864.85000	194.61000	.00000	.00000	.00000	2.94410
7.437	.900	29.42700	.27317	105.77000	864.82000	195.45000	.00000	.00000	.00000	2.94260
7.444	1.100	29.43100	.27333	105.74000	864.64000	196.28000	.00000	.00000	.00000	2.94540
7.455	1.300	29.44200	.27383	105.77000	864.85000	197.04000	.00000	.00000	.00000	2.94970
7.462	1.500	29.45200	.27398	105.74000	864.66000	197.89000	.00000	.00000	.00000	2.95250
7.469	1.700	29.45900	.27429	105.75000	864.75000	198.62000	.00000	.00000	.00000	2.95540
7.486	1.900	29.47200	.27500	105.78000	864.99000	199.42000	.00000	.00000	.00000	2.96190
7.486	2.100	29.47400	.27457	105.67000	864.08000	200.17000	.00000	.00000	.00000	2.96200
7.492	2.300	29.48300	.27445	105.58000	863.36000	201.03000	.00000	.00000	.00000	2.96450
7.489	2.500	29.48500	.27423	105.55000	863.18000	201.73000	.00000	.00000	.00000	2.96320
7.484	2.700	29.49400	.27418	105.58000	863.44000	202.48000	.00000	.00000	.00000	2.96140
7.483	2.900	29.50000	.27457	105.70000	864.42000	203.15000	.00000	.00000	.00000	2.96070
7.484	3.100	29.51300	.27495	105.78000	865.08000	203.89000	.00000	.00000	.00000	2.96140
7.491	3.300	29.51600	.27517	105.77000	865.04000	204.58000	.00000	.00000	.00000	2.96410
7.479	3.500	29.52100	.27469	105.77000	865.04000	205.29000	.00000	.00000	.00000	2.95910

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0A257 (LARC 20-M6-6559) DV102

(T7E158) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = -2.000 S-DIR = 1.000

RUN NO. 2104/0 RN/L = 7.44 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.494	3.643	29.52000	.27479	105.65000	864.10000	207.16000	.00000	.00000	.00000	2.96530
GRADIENT		.04843	.00155	-.01286	-.00571	4.26000	.00000	.00000	.00000	.01719

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OA257 (LARC 20-M6-6559) OV102

(T7E059) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AIRRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 149/0 RN/L = 2.27 GRADIENT INTERVAL, = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.264	-2.699	31.86000	.09781	117.58000	955.88000	112.79000	.00000	.29706	.11814	.89596
2.267	-2.500	31.86400	.09780	117.48000	955.10000	113.29000	.00000	.29678	.11815	.89707
2.262	-2.300	31.88200	.09775	117.61000	956.18000	113.71000	.00000	.29506	.11814	.89509
2.262	-2.100	31.88200	.09776	117.61000	956.28000	114.17000	.00000	.29387	.11813	.89512
2.261	-1.900	31.89300	.09778	117.66000	956.71000	114.62000	.00000	.29406	.11809	.89481
2.261	-1.700	31.90100	.09777	117.66000	956.73000	115.02000	.00000	.29437	.11809	.89468
2.263	-1.500	31.90300	.09782	117.63000	956.52000	115.52000	.00000	.29446	.11807	.89551
2.266	-1.300	31.91700	.09778	117.50000	955.42000	115.93000	.00000	.29554	.11808	.89676
2.269	-1.100	31.92000	.09773	117.36000	954.31000	116.41000	.00000	.29602	.11808	.89793
2.275	-.900	31.92900	.09774	117.16000	952.74000	116.88000	.00000	.29602	.11803	.90027
2.272	-.700	31.93800	.09773	117.26000	953.56000	117.33000	.00000	.29562	.11802	.89903
2.270	-.500	31.94100	.09781	117.41000	954.82000	117.82000	.00000	.29556	.11799	.89806
2.265	-.300	31.95700	.09778	117.53000	955.84000	118.34000	.00000	.29547	.11798	.89639
2.265	-.100	31.95700	.09775	117.53000	955.86000	118.84000	.00000	.29469	.11800	.89621
2.269	.100	31.96500	.09782	117.46000	955.28000	119.40000	.00000	.29393	.11799	.89769
2.272	.300	31.97900	.09778	117.32000	954.23000	119.90000	.00000	.29623	.11801	.89886
2.267	.500	31.97600	.09775	117.46000	955.34000	120.48000	.00000	.29680	.11799	.89700
2.263	.700	31.99200	.09774	117.58000	956.40000	121.08000	.00000	.29522	.11793	.89549
2.262	.900	31.99900	.09768	117.58000	956.44000	121.68000	.00000	.29445	.11794	.89492
2.262	1.100	32.00000	.09765	117.55000	956.17000	122.35000	.00000	.29519	.11788	.89513
2.261	1.300	32.01700	.09763	117.58000	956.47000	123.05000	.00000	.29433	.11782	.89457
2.263	1.500	32.01900	.09756	117.47000	955.59000	123.79000	.00000	.29465	.11781	.89522
2.261	1.700	32.02900	.09748	117.45000	955.49000	124.50000	.00000	.29519	.11778	.89471
2.260	1.900	32.03900	.09745	117.46000	955.53000	125.21000	.00000	.29682	.11778	.89436
2.266	2.100	32.04400	.09744	117.24000	953.83000	125.95000	.00000	.29699	.11771	.89673
2.264	2.231	32.05600	.09740	117.27000	954.10000	126.38000	.00000	.29776	.11770	.89600
GRADIENT		.03557	-.00003	-.06429	-.40144	2.64857	.00000	.00110	.00001	.00051

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OA257 (LARC 20-M6-6559) OV102

(T7E059) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 113/0 RN/L = 7.60 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.584	-4.739	31.40900	.27472	104.69000	853.84000	193.32000	9999.00000	.00000	.00000	3.00090
7.599	-4.600	31.40900	.27493	104.61000	853.23000	194.55000	9999.00000	.00000	.00000	3.00660
7.617	-4.400	31.42200	.27520	104.51000	852.47000	195.39000	9999.00000	.00000	.00000	3.01380
7.618	-4.200	31.42400	.27539	104.55000	852.82000	196.18000	9999.00000	.00000	.00000	3.01410
7.626	-4.000	31.43700	.27591	104.61000	853.31000	196.99000	9999.00000	.00000	.00000	3.01740
7.626	-3.800	31.44500	.27589	104.61000	853.32000	197.76000	9999.00000	.00000	.00000	3.01740
7.621	-3.600	31.45000	.27577	104.62000	853.45000	198.60000	9999.00000	.00000	.00000	3.01550
7.624	-3.400	31.46300	.27598	104.65000	853.67000	199.32000	9999.00000	.00000	.00000	3.01680
7.627	-3.200	31.46800	.27636	104.71000	854.25000	200.12000	9999.00000	.00000	.00000	3.01800
7.631	-3.000	31.48400	.27646	104.71000	854.26000	200.85000	9999.00000	.00000	.00000	3.01930
7.643	-2.800	31.48800	.27674	104.67000	853.97000	201.63000	9999.00000	.00000	.00000	3.02400
7.642	-2.600	31.49900	.27653	104.62000	853.59000	202.35000	9999.00000	.00000	.00000	3.02390
7.646	-2.400	31.50100	.27676	104.65000	853.80000	203.11000	9999.00000	.00000	.00000	3.02540
7.657	-2.200	31.52100	.27714	104.65000	853.84000	203.80000	9999.00000	.00000	.00000	3.02960
7.649	-2.000	31.51700	.27693	104.67000	854.04000	204.53000	9999.00000	.00000	.00000	3.02640
7.664	-1.800	31.53700	.27746	104.66000	854.01000	205.20000	9999.00000	.00000	.00000	3.03250
7.631	-1.600	31.53400	.27663	104.76000	854.84000	205.89000	9999.00000	.00000	.00000	3.01930
7.621	-1.400	31.54400	.27631	104.77000	854.89000	206.58000	9999.00000	.00000	.00000	3.01560
7.613	-1.200	31.54500	.27589	104.74000	854.66000	207.24000	9999.00000	.00000	.00000	3.01240
7.604	-1.000	31.55300	.27547	104.72000	854.53000	207.88000	9999.00000	.00000	.00000	3.00870
7.604	-.800	31.55900	.27528	104.66000	854.13000	208.55000	9999.00000	.00000	.00000	3.00890
7.578	-.600	31.56200	.27440	104.68000	854.29000	209.19000	9999.00000	.00000	.00000	2.99860
7.571	-.400	31.56900	.27442	104.76000	854.95000	209.81000	9999.00000	.00000	.00000	2.99560
7.559	-.200	31.57200	.27400	104.76000	855.01000	210.48000	9999.00000	.00000	.00000	2.99080
7.561	.000	31.58500	.27418	104.79000	855.26000	211.09000	9999.00000	.00000	.00000	2.99170
7.569	.200	31.59000	.27452	104.80000	855.38000	211.77000	9999.00000	.00000	.00000	2.99490
7.576	.400	31.60400	.27488	104.83000	855.61000	212.35000	9999.00000	.00000	.00000	2.99780
7.583	.600	31.60400	.27505	104.81000	855.48000	212.99000	9999.00000	.00000	.00000	3.00050
7.589	.800	31.62700	.27514	104.78000	855.29000	213.60000	9999.00000	.00000	.00000	3.00270
7.590	1.000	31.62100	.27548	104.86000	855.97000	214.25000	9999.00000	.00000	.00000	3.00300
7.580	1.200	31.64000	.27540	104.94000	856.57000	214.81000	9999.00000	.00000	.00000	2.99910
7.580	1.400	31.63800	.27552	104.96000	856.84000	215.42000	9999.00000	.00000	.00000	2.99920
7.569	1.600	31.64700	.27489	104.91000	856.39000	215.99000	9999.00000	.00000	.00000	2.99480
7.606	1.800	31.65500	.27612	104.88000	856.18000	216.57000	9999.00000	.00000	.00000	3.00950
7.589	2.000	31.66500	.27590	104.98000	857.01000	217.20000	9999.00000	.00000	.00000	3.00290
7.576	2.200	31.66900	.27554	105.01000	857.26000	217.74000	9999.00000	.00000	.00000	2.99780
7.563	2.400	31.67200	.27518	105.04000	857.59000	218.34000	9999.00000	.00000	.00000	2.99230
7.529	2.600	31.67400	.27381	105.00000	857.28000	218.83000	9999.00000	.00000	.00000	2.97920
7.522	2.800	31.67000	.27353	105.00000	857.31000	219.51000	9999.00000	.00000	.00000	2.97620
	GRADIENT	.03821	.00061	.10179	.93929	3.17322	.00012	.00000	.00000	.00254

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DA257 (LARC 20-M6-6559) DV102

(T7E159) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2149/ 0 RN/L = 2.27 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.268	-2.600	31.86800	.09780	117.47000	955.01000	113.04000	.00000	.29710	.11814	.89721
2.264	-2.400	31.87100	.09775	117.55000	955.71000	113.50000	.00000	.29606	.11816	.89579
2.262	-2.200	31.88000	.09778	117.62000	956.34000	113.94000	.00000	.29403	.11812	.89521
2.261	-2.000	31.89300	.09772	117.63000	956.45000	114.36000	.00000	.29408	.11812	.89458
2.261	-1.800	31.89300	.09778	117.66000	956.71000	114.83000	.00000	.29428	.11809	.89477
2.262	-1.600	31.90500	.09778	117.66000	956.69000	115.26000	.00000	.29421	.11807	.89486
2.264	-1.400	31.90900	.09778	117.58000	956.11000	115.73000	.00000	.29492	.11808	.89574
2.269	-1.200	31.91500	.09778	117.42000	954.80000	116.21000	.00000	.29612	.11807	.89768
2.272	-1.000	31.92900	.09773	117.26000	953.51000	116.62000	.00000	.29585	.11807	.89900
2.275	-.800	31.92900	.09774	117.17000	952.86000	117.08000	.00000	.29605	.11803	.90013
2.271	-.600	31.94000	.09775	117.33000	954.15000	117.60000	.00000	.29522	.11799	.89847
2.268	-.400	31.95100	.09780	117.48000	955.37000	118.03000	.00000	.29569	.11800	.89723
2.266	-.200	31.95300	.09780	117.53000	955.81000	118.59000	.00000	.29506	.11799	.89667
2.265	.000	31.96400	.09776	117.53000	955.85000	119.12000	.00000	.29420	.11799	.89627
2.271	.200	31.97000	.09781	117.38000	954.67000	119.65000	.00000	.29470	.11802	.89844
2.271	.400	31.98000	.09778	117.36000	954.53000	120.22000	.00000	.29683	.11799	.89840
2.264	.600	31.98700	.09772	117.54000	956.07000	120.78000	.00000	.29574	.11796	.89580
2.263	.800	31.99200	.09774	117.58000	956.42000	121.38000	.00000	.29475	.11794	.89555
2.262	1.000	32.00500	.09764	117.57000	956.32000	122.03000	.00000	.29440	.11790	.89485
2.261	1.200	32.00700	.09763	117.58000	956.43000	122.71000	.00000	.29519	.11788	.89461
2.262	1.400	32.01600	.09762	117.53000	956.02000	123.45000	.00000	.29421	.11781	.89516
2.261	1.600	32.02900	.09750	117.48000	955.65000	124.12000	.00000	.29517	.11779	.89462
2.261	1.800	32.03000	.09749	117.45000	955.45000	124.87000	.00000	.29646	.11779	.89481
2.264	2.000	32.04200	.09744	117.33000	954.51000	125.58000	.00000	.29648	.11775	.89581
2.265	2.200	32.05100	.09740	117.26000	953.94000	126.28000	.00000	.29762	.11769	.89627
	GRADIENT	.03857	-.00002	.04286	.52500	2.67500	.00000	.00062	-.00001	-.00070

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OA257 (LARC 20-M6-6559) OV102

(T7E159) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 32.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2113/ O RN/L = 7.60 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.595	-4.700	31.40500	.27507	104.68000	853.79000	193.98000	9999.00000	.00000	.00000	3.00500
7.609	-4.500	31.42100	.27508	104.55000	852.78000	194.94000	9999.00000	.00000	.00000	3.01070
7.622	-4.300	31.41900	.27539	104.51000	852.48000	195.80000	9999.00000	.00000	.00000	3.01590
7.618	-4.100	31.43600	.27558	104.60000	853.18000	196.58000	9999.00000	.00000	.00000	3.01440
7.629	-3.900	31.43600	.27596	104.60000	853.22000	197.43000	9999.00000	.00000	.00000	3.01850
7.624	-3.700	31.45500	.27591	104.63000	853.50000	198.15000	9999.00000	.00000	.00000	3.01660
7.622	-3.500	31.45200	.27578	104.62000	853.44000	198.97000	9999.00000	.00000	.00000	3.01570
7.622	-3.300	31.46800	.27607	104.69000	854.05000	199.73000	9999.00000	.00000	.00000	3.01590
7.625	-3.100	31.46900	.27630	104.72000	854.30000	200.47000	9999.00000	.00000	.00000	3.01720
7.631	-2.900	31.48900	.27650	104.72000	854.33000	201.26000	9999.00000	.00000	.00000	3.01940
7.642	-2.700	31.48900	.27650	104.62000	853.51000	201.98000	9999.00000	.00000	.00000	3.02390
7.644	-2.500	31.50200	.27666	104.65000	853.78000	202.73000	9999.00000	.00000	.00000	3.02440
7.654	-2.300	31.51300	.27702	104.64000	853.76000	203.44000	9999.00000	.00000	.00000	3.02860
7.658	-2.100	31.52100	.27718	104.65000	853.87000	204.20000	9999.00000	.00000	.00000	3.02990
7.656	-1.900	31.53100	.27709	104.65000	853.87000	204.84000	9999.00000	.00000	.00000	3.02920
7.650	-1.700	31.53500	.27719	104.72000	854.50000	205.55000	9999.00000	.00000	.00000	3.02710
7.624	-1.500	31.54100	.27644	104.77000	854.91000	206.22000	9999.00000	.00000	.00000	3.01680
7.620	-1.300	31.54200	.27618	104.75000	854.75000	206.92000	9999.00000	.00000	.00000	3.01500
7.605	-1.100	31.55200	.27559	104.74000	854.69000	207.54000	9999.00000	.00000	.00000	3.00910
7.605	-.900	31.55000	.27533	104.67000	854.20000	208.22000	9999.00000	.00000	.00000	3.00900
7.594	.700	31.56600	.27491	104.67000	854.16000	208.86000	9999.00000	.00000	.00000	3.00480
7.576	-.500	31.56100	.27445	104.72000	854.60000	209.53000	9999.00000	.00000	.00000	2.99760
7.558	-.300	31.57300	.27401	104.77000	855.08000	210.13000	9999.00000	.00000	.00000	2.99040
7.566	-.100	31.57500	.27427	104.77000	855.04000	210.77000	9999.00000	.00000	.00000	2.99370
7.562	.100	31.58800	.27424	104.80000	855.33000	211.43000	9999.00000	.00000	.00000	2.99200
7.574	.300	31.59400	.27472	104.81000	855.46000	212.04000	9999.00000	.00000	.00000	2.99670
7.579	.500	31.60800	.27501	104.84000	855.68000	212.69000	9999.00000	.00000	.00000	2.99890
7.588	.700	31.61500	.27515	104.79000	855.31000	213.30000	9999.00000	.00000	.00000	3.00250
7.587	.900	31.62300	.27517	104.81000	855.51000	213.95000	9999.00000	.00000	.00000	3.00190
7.588	1.100	31.63100	.27563	104.91000	856.38000	214.52000	9999.00000	.00000	.00000	3.00250
7.581	1.300	31.63700	.27555	104.96000	856.75000	215.13000	9999.00000	.00000	.00000	2.99980
7.568	1.500	31.64500	.27505	104.95000	856.75000	215.67000	9999.00000	.00000	.00000	2.99450
7.592	1.700	31.64900	.27559	104.87000	856.13000	216.33000	9999.00000	.00000	.00000	3.00390
7.596	1.900	31.66500	.27599	104.93000	856.65000	216.86000	9999.00000	.00000	.00000	3.00570
7.587	2.100	31.66400	.27588	105.00000	857.17000	217.49000	9999.00000	.00000	.00000	3.00200
7.569	2.300	31.67900	.27537	105.03000	857.47000	218.03000	9999.00000	.00000	.00000	2.99500
7.543	2.500	31.66600	.27440	105.03000	857.47000	218.63000	9999.00000	.00000	.00000	2.98460
7.526	2.700	31.67800	.27364	104.99000	857.19000	219.15000	9999.00000	.00000	.00000	2.97790
7.495	2.857	31.67100	.27266	105.04000	857.62000	220.30000	9999.00000	.00000	.00000	2.96540
	GRADIENT	.04443	.00070	.10714	.97571	3.17000	.00000	.00000	.00000	.00339

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OA257 (LARC 20-M6-6559) OV102

(T7E060) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 35.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 153/0 RN/L = 2.28 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.300	-3.159	34.38400	.10028	118.08000	955.11000	127.33000	.00000	.30515	10.00100	.91010
2.300	-3.000	34.39600	.10016	118.00000	954.44000	127.63000	.00000	.30559	10.00000	.90999
2.301	-2.800	34.39700	.10020	117.98000	954.33000	127.99000	.00000	.30528	10.00100	.91055
2.294	-2.600	34.40800	.10012	118.16000	955.79000	128.33000	.00000	.30458	10.00100	.90774
2.288	-2.400	34.41600	.10005	118.32000	957.11000	128.74000	.00000	.30381	10.00100	.90536
2.287	-2.200	34.42000	.09999	118.32000	957.15000	129.14000	.00000	.30362	10.00000	.90476
2.286	-2.000	34.43900	.09992	118.29000	956.91000	129.52000	.00000	.30411	10.00100	.90456
2.283	-1.800	34.43400	.09994	118.41000	957.92000	129.95000	.00000	.30432	10.00000	.90333
2.285	-1.600	34.44800	.09989	118.30000	957.10000	130.35000	.00000	.30399	10.00100	.90406
2.283	-1.400	34.45200	.09988	118.36000	957.56000	130.82000	.00000	.30329	10.00200	.90343
2.276	-1.200	34.45900	.09986	118.59000	959.47000	131.24000	.00000	.30295	10.00100	.90054
2.272	-1.000	34.47600	.09983	118.72000	960.51000	131.74000	.00000	.30355	10.00000	.89885
2.276	-.800	34.47400	.09987	118.60000	959.57000	132.26000	.00000	.30385	10.00000	.90063
2.278	-.600	34.48900	.09981	118.49000	958.76000	132.76000	.00000	.30464	10.00100	.90130
2.278	-.400	34.49300	.09981	118.49000	958.77000	133.33000	.00000	.30457	10.00100	.90133
2.278	-.200	34.50100	.09976	118.45000	958.51000	133.87000	.00000	.30445	10.00100	.90129
2.280	.000	34.51400	.09972	118.35000	957.65000	134.55000	.00000	.30428	10.00100	.90218
2.282	.200	34.51500	.09972	118.29000	957.22000	135.21000	.00000	.30474	10.00100	.90289
2.275	.400	34.53200	.09964	118.45000	958.54000	135.87000	.00000	.30575	10.00000	.90026
2.274	.600	34.53100	.09959	118.45000	958.60000	136.62000	.00000	.30477	10.00000	.89986
2.269	.800	34.54400	.09950	118.56000	959.48000	137.34000	.00000	.30362	10.00000	.89788
2.265	1.000	34.55100	.09950	118.69000	960.59000	138.23000	.00000	.30331	10.00100	.89633
2.260	1.200	34.55600	.09953	118.89000	962.23000	139.07000	.00000	.30278	10.00100	.89439
2.258	1.400	34.57400	.09944	118.91000	962.44000	140.03000	.00000	.30364	10.00000	.89329
2.260	1.600	34.56900	.09943	118.82000	961.72000	140.99000	.00000	.30524	10.00100	.89430
2.261	1.797	34.58700	.09938	118.76000	961.28000	141.84000	.00000	.30551	10.00100	.89450
GRADIENT		.03893	-.00019	-.06429	-.39822	3.21429	.00000	.00054	-.00089	-.00087

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OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 872

OA257 (LARC 20-M6-6559) OV102

(T7E060) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 35.000 PHI = .000
 SPDBRK = 86.600 AIRRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 114/ O RN/L = 7.56 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.587	-4.973	33.84800	.27662	105.13000	857.24000	200.88000	9999.00000	.00000	.00000	3.00190
7.592	-4.800	33.86100	.27709	105.20000	857.85000	202.24000	9999.00000	.00000	.00000	3.00410
7.596	-4.600	33.85900	.27710	105.17000	857.61000	203.13000	9999.00000	.00000	.00000	3.00560
7.593	-4.400	33.87500	.27725	105.24000	858.19000	204.06000	9999.00000	.00000	.00000	3.00430
7.601	-4.200	33.87400	.27745	105.21000	857.98000	204.85000	9999.00000	.00000	.00000	3.00770
7.602	-4.000	33.89100	.27760	105.25000	858.29000	205.69000	9999.00000	.00000	.00000	3.00790
7.601	-3.800	33.89500	.27744	105.22000	858.07000	206.50000	9999.00000	.00000	.00000	3.00750
7.631	-3.600	33.91000	.27832	105.17000	857.67000	207.34000	9999.00000	.00000	.00000	3.01930
7.644	-3.400	33.92100	.27868	105.13000	857.42000	208.11000	9999.00000	.00000	.00000	3.02470
7.639	-3.200	33.92400	.27848	105.14000	857.46000	208.96000	9999.00000	.00000	.00000	3.02240
7.645	-3.000	33.94100	.27862	105.11000	857.31000	209.73000	9999.00000	.00000	.00000	3.02490
7.643	-2.800	33.94200	.27881	105.18000	857.88000	210.54000	9999.00000	.00000	.00000	3.02400
7.626	-2.600	33.95200	.27812	105.17000	857.77000	211.31000	9999.00000	.00000	.00000	3.01730
7.620	-2.400	33.95300	.27769	105.11000	857.34000	212.06000	9999.00000	.00000	.00000	3.01510
7.618	-2.200	33.96500	.27757	105.10000	857.28000	212.77000	9999.00000	.00000	.00000	3.01420
7.595	-2.000	33.96400	.27681	105.12000	857.47000	213.50000	9999.00000	.00000	.00000	3.00510
7.580	-1.800	33.97000	.27618	105.10000	857.32000	214.25000	9999.00000	.00000	.00000	2.99920
7.551	-1.600	33.97700	.27540	105.18000	857.94000	214.96000	9999.00000	.00000	.00000	2.98760
7.570	-1.400	33.98300	.27613	105.19000	858.06000	215.64000	9999.00000	.00000	.00000	2.99510
7.532	-1.200	33.99000	.27468	105.17000	857.95000	216.31000	9999.00000	.00000	.00000	2.98010
7.531	-1.000	33.99000	.27456	105.15000	857.79000	217.01000	9999.00000	.00000	.00000	2.97970
7.535	-.800	34.00900	.27493	105.20000	858.26000	217.63000	9999.00000	.00000	.00000	2.98140
7.532	-.600	34.00600	.27504	105.26000	858.73000	218.32000	9999.00000	.00000	.00000	2.98030
7.538	-.400	34.02700	.27550	105.33000	859.29000	218.97000	9999.00000	.00000	.00000	2.98250
7.530	-.200	34.02900	.27538	105.37000	859.67000	219.64000	9999.00000	.00000	.00000	2.97940
7.535	.000	34.03800	.27547	105.35000	859.52000	220.32000	9999.00000	.00000	.00000	2.98130
7.538	.200	34.04500	.27505	105.21000	858.41000	220.94000	9999.00000	.00000	.00000	2.98270
7.566	.400	34.05100	.27551	105.07000	857.28000	221.61000	9999.00000	.00000	.00000	2.99370
7.568	.600	34.06600	.27564	105.08000	857.42000	222.20000	9999.00000	.00000	.00000	2.99450
7.542	.800	34.06200	.27508	105.19000	858.32000	222.88000	9999.00000	.00000	.00000	2.98400
7.513	1.000	34.07600	.27435	105.27000	858.98000	223.47000	9999.00000	.00000	.00000	2.97270
7.508	1.200	34.07600	.27429	105.30000	859.25000	224.11000	9999.00000	.00000	.00000	2.97080
7.488	1.400	34.08300	.27329	105.23000	858.70000	224.68000	9999.00000	.00000	.00000	2.96300
7.480	1.600	34.08000	.27307	105.25000	858.90000	225.30000	9999.00000	.00000	.00000	2.95970
7.463	1.800	34.09000	.27284	105.36000	859.80000	225.90000	9999.00000	.00000	.00000	2.95280
7.455	2.000	34.10100	.27285	105.43000	860.40000	226.42000	9999.00000	.00000	.00000	2.94990
7.450	2.200	34.10200	.27289	105.49000	860.93000	227.10000	9999.00000	.00000	.00000	2.94780
7.464	2.400	34.12000	.27348	105.51000	861.08000	227.64000	9999.00000	.00000	.00000	2.95350
7.478	2.600	34.12400	.27426	105.58000	861.71000	228.22000	9999.00000	.00000	.00000	2.95880
7.450	2.768	34.11800	.27307	105.55000	861.46000	229.32000	9999.00000	.00000	.00000	2.94760
	GRADIENT	.04357	.00027	-.21786	-1.64464	3.25358	.00012	.00000	.00000	.01220

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E160) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	35.000	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2153/ 0 RN/L = 2.28 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.300	-3.100	34.38900	.10023	118.05000	954.87000	127.42000	.00000	.30525	10.00100	.90996
2.301	-2.900	34.39600	.10019	117.98000	954.28000	127.80000	.00000	.30568	10.00100	.91048
2.299	-2.700	34.40000	.10019	118.05000	954.87000	128.16000	.00000	.30518	10.00000	.90969
2.290	-2.500	34.41700	.10009	118.26000	956.67000	128.53000	.00000	.30404	10.00100	.90627
2.287	-2.300	34.41600	.10004	118.35000	957.42000	128.96000	.00000	.30383	10.00000	.90480
2.287	-2.100	34.42900	.09993	118.26000	956.71000	129.32000	.00000	.30352	10.00100	.90493
2.284	-1.900	34.43300	.09995	118.39000	957.77000	129.76000	.00000	.30421	10.00000	.90361
2.286	-1.700	34.43900	.09992	118.31000	957.10000	130.14000	.00000	.30397	10.00100	.90435
2.284	-1.500	34.45200	.09988	118.35000	957.47000	130.56000	.00000	.30384	10.00200	.90354
2.280	-1.300	34.45300	.09988	118.46000	958.39000	131.05000	.00000	.30274	10.00200	.90227
2.273	-1.100	34.47100	.09984	118.70000	960.36000	131.49000	.00000	.30327	10.00000	.89920
2.274	-.900	34.47400	.09986	118.67000	960.17000	132.01000	.00000	.30378	10.00000	.89969
2.277	-.700	34.47900	.09984	118.55000	959.19000	132.51000	.00000	.30423	10.00100	.90091
2.278	-.500	34.49300	.09979	118.48000	958.70000	133.04000	.00000	.30462	10.00100	.90125
2.278	-.300	34.49400	.09979	118.47000	958.59000	133.59000	.00000	.30453	10.00100	.90144
2.279	-.100	34.51300	.09973	118.39000	958.03000	134.20000	.00000	.30435	10.00100	.90171
2.282	.100	34.51100	.09972	118.30000	957.26000	134.89000	.00000	.30413	10.00100	.90278
2.278	.300	34.52500	.09968	118.40000	958.11000	135.52000	.00000	.30552	10.00000	.90126
2.276	.500	34.53300	.09959	118.39000	958.10000	136.24000	.00000	.30549	10.00000	.90054
2.271	.700	34.53300	.09955	118.52000	959.18000	136.97000	.00000	.30392	10.00000	.89864
2.268	.900	34.55200	.09948	118.60000	959.80000	137.76000	.00000	.30374	10.00100	.89728
2.263	1.100	34.55000	.09952	118.80000	961.51000	138.66000	.00000	.30246	10.00100	.89529
2.258	1.300	34.56800	.09948	118.94000	962.67000	139.51000	.00000	.30334	10.00000	.89332
2.259	1.500	34.57000	.09942	118.85000	961.91000	140.50000	.00000	.30442	10.00100	.89392
2.260	1.700	34.57800	.09941	118.81000	961.64000	141.44000	.00000	.30561	10.00100	.89425
GRADIENT		.04157	-.00019	-.10714	-.74427	3.21143	.00000	.00101	-.00114	-.00043

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E160) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 35.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2114/ O RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.593	-4.900	33.85000	.27705	105.19000	857.73000	201.77000	9999.00000	.00000	.00000	3.00420
7.592	-4.700	33.86000	.27709	105.21000	857.88000	202.71000	9999.00000	.00000	.00000	3.00400
7.601	-4.500	33.86900	.27733	105.19000	857.76000	203.53000	9999.00000	.00000	.00000	3.00740
7.599	-4.300	33.87300	.27741	105.23000	858.10000	204.49000	9999.00000	.00000	.00000	3.00670
7.605	-4.100	33.88800	.27760	105.21000	858.01000	205.24000	9999.00000	.00000	.00000	3.00930
7.598	-3.900	33.88800	.27746	105.25000	858.33000	206.12000	9999.00000	.00000	.00000	3.00620
7.619	-3.700	33.90800	.27804	105.20000	857.93000	206.93000	9999.00000	.00000	.00000	3.01480
7.638	-3.500	33.91000	.27845	105.13000	857.39000	207.74000	9999.00000	.00000	.00000	3.02220
7.646	-3.300	33.92900	.27885	105.16000	857.64000	208.53000	9999.00000	.00000	.00000	3.02540
7.638	-3.100	33.93000	.27837	105.11000	857.28000	209.35000	9999.00000	.00000	.00000	3.02230
7.651	-2.900	33.94500	.27901	105.15000	857.62000	210.13000	9999.00000	.00000	.00000	3.02750
7.629	-2.700	33.94600	.27832	105.18000	857.90000	210.89000	9999.00000	.00000	.00000	3.01870
7.618	-2.500	33.95100	.27777	105.15000	857.65000	211.70000	9999.00000	.00000	.00000	3.01420
7.615	-2.300	33.96100	.27739	105.09000	857.14000	212.40000	9999.00000	.00000	.00000	3.01300
7.613	-2.100	33.96300	.27752	105.14000	857.60000	213.16000	9999.00000	.00000	.00000	3.01210
7.585	-1.900	33.97000	.27626	105.08000	857.10000	213.85000	9999.00000	.00000	.00000	3.00120
7.567	-1.700	33.96900	.27589	105.15000	857.70000	214.60000	9999.00000	.00000	.00000	2.99420
7.561	-1.500	33.98400	.27584	105.19000	858.08000	215.30000	9999.00000	.00000	.00000	2.99180
7.550	-1.300	33.98300	.27543	105.19000	858.09000	215.96000	9999.00000	.00000	.00000	2.98740
7.525	-1.100	33.98900	.27440	105.16000	857.85000	216.67000	9999.00000	.00000	.00000	2.97760
7.542	-.900	34.00000	.27504	105.16000	857.93000	217.30000	9999.00000	.00000	.00000	2.98430
7.531	-.700	34.00700	.27492	105.24000	858.54000	217.97000	9999.00000	.00000	.00000	2.97990
7.535	-.500	34.02200	.27525	105.29000	859.00000	218.62000	9999.00000	.00000	.00000	2.98130
7.533	-.300	34.02300	.27547	105.36000	859.61000	219.34000	9999.00000	.00000	.00000	2.98060
7.529	-.100	34.03700	.27529	105.36000	859.59000	219.95000	9999.00000	.00000	.00000	2.97890
7.535	.100	34.03600	.27536	105.32000	859.31000	220.64000	9999.00000	.00000	.00000	2.98130
7.552	.300	34.05200	.27516	105.11000	857.62000	221.29000	9999.00000	.00000	.00000	2.98810
7.574	.500	34.05600	.27580	105.07000	857.33000	221.90000	9999.00000	.00000	.00000	2.99670
7.549	.700	34.06300	.27521	105.15000	857.98000	222.56000	9999.00000	.00000	.00000	2.98710
7.528	.900	34.06800	.27471	105.22000	858.59000	223.17000	9999.00000	.00000	.00000	2.97860
7.510	1.100	34.07500	.27433	105.29000	859.17000	223.81000	9999.00000	.00000	.00000	2.97150
7.494	1.300	34.08500	.27366	105.27000	859.01000	224.39000	9999.00000	.00000	.00000	2.96530
7.495	1.500	34.08000	.27349	105.22000	858.61000	225.02000	9999.00000	.00000	.00000	2.96570
7.471	1.700	34.09100	.27294	105.31000	859.39000	225.59000	9999.00000	.00000	.00000	2.95590
7.454	1.900	34.09000	.27269	105.40000	860.16000	226.18000	9999.00000	.00000	.00000	2.94940
7.455	2.100	34.10400	.27303	105.48000	860.79000	226.79000	9999.00000	.00000	.00000	2.94990
7.457	2.300	34.11000	.27314	105.49000	860.90000	227.35000	9999.00000	.00000	.00000	2.95070
7.473	2.500	34.12300	.27391	105.54000	861.37000	227.96000	9999.00000	.00000	.00000	2.95670
7.473	2.700	34.13200	.27420	105.62000	861.99000	228.52000	9999.00000	.00000	.00000	2.95680
	GRADIENT	.03657	.00027	-.27000	-2.08571	3.27714	.00000	.00000	.01456	

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E061) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 154/ O RN/L = 2.31 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.299	-3.244	36.73300	.10061	118.37000	957.13000	132.70000	.00000	.32701	10.00400	.90956
2.298	-3.100	36.72900	.10063	118.40000	957.44000	133.00000	.00000	.32829	10.00400	.90938
2.297	-2.900	36.74900	.10064	118.45000	957.86000	133.38000	.00000	.33008	10.00400	.90895
2.300	-2.700	36.75100	.10070	118.41000	957.57000	133.85000	.00000	.32993	10.00400	.91000
2.302	-2.500	36.76000	.10068	118.31000	956.77000	134.25000	.00000	.33257	10.00400	.91095
2.305	-2.300	36.77100	.10074	118.27000	956.51000	134.73000	.00000	.33456	10.00400	.91201
2.304	-2.100	36.77600	.10075	118.31000	956.89000	135.21000	.00000	.33378	10.00400	.91156
2.305	-1.900	36.79200	.10068	118.22000	956.16000	135.68000	.00000	.33480	10.00400	.91208
2.309	-1.700	36.79300	.10075	118.14000	955.53000	136.21000	.00000	.33575	10.00400	.91363
2.307	-1.500	36.80800	.10072	118.18000	955.89000	136.74000	.00000	.33552	10.00400	.91298
2.307	-1.300	36.81000	.10076	118.21000	956.14000	137.39000	.00000	.33616	10.00400	.91300
2.303	-1.100	36.82500	.10072	118.33000	957.19000	138.02000	.00000	.33842	10.00400	.91122
2.302	-.900	36.83000	.10075	118.37000	957.57000	138.71000	.00000	.33817	10.00400	.91104
2.309	-.700	36.83800	.10081	118.18000	956.01000	139.34000	.00000	.33942	10.00400	.91381
2.314	-.500	36.85200	.10078	118.02000	954.74000	140.08000	.00000	.33989	10.00400	.91547
2.307	-.300	36.85000	.10078	118.25000	956.68000	140.85000	.00000	.33948	10.00400	.91273
2.304	-.100	36.87100	.10078	118.34000	957.43000	141.64000	.00000	.33935	10.00400	.91172
2.306	.100	36.86900	.10081	118.31000	957.25000	142.45000	.00000	.34042	10.00400	.91234
2.302	.300	36.88600	.10077	118.42000	958.13000	143.28000	.00000	.34080	10.00400	.91076
2.307	.500	36.88700	.10077	118.24000	956.73000	144.24000	.00000	.34064	10.00400	.91284
2.308	.700	36.89900	.10074	118.20000	956.39000	145.15000	.00000	.34136	10.00400	.91310
2.306	.900	36.90900	.10078	118.30000	957.23000	146.24000	.00000	.34080	10.00400	.91236
2.308	1.100	36.91300	.10078	118.22000	956.69000	147.33000	.00000	.34152	10.00400	.91324
2.309	1.300	36.92800	.10075	118.16000	956.23000	148.46000	.00000	.34062	10.00400	.91369
2.317	1.500	36.92800	.10080	117.92000	954.31000	149.64000	.00000	.34123	10.00400	.91694
2.316	1.700	36.95300	.10081	117.98000	954.81000	150.81000	.00000	.34126	10.00400	.91636
	GRADIENT	.04014	-.00001	.22571	2.01715	4.12857	.00000	.00125	.00000	-.00263

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0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 876

0A257 (LARC 20-M6-6559) OV102

(T7E061) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 115/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.576	-4.943	36.36200	.27750	105.50000	861.06000	216.73000	9999.00000	.00000	.00000	2.99760
7.583	-4.800	36.36400	.27772	105.49000	860.98000	217.74000	9999.00000	.00000	.00000	3.00060
7.591	-4.600	36.37400	.27790	105.46000	860.76000	218.58000	9999.00000	.00000	.00000	3.00370
7.593	-4.400	36.38100	.27797	105.46000	860.76000	219.42000	9999.00000	.00000	.00000	3.00450
7.574	-4.200	36.38400	.27734	105.47000	860.93000	220.24000	9999.00000	.00000	.00000	2.99700
7.561	-4.000	36.39500	.27677	105.45000	860.76000	220.95000	9999.00000	.00000	.00000	2.99180
7.564	-3.800	36.39400	.27681	105.44000	860.67000	221.76000	9999.00000	.00000	.00000	2.99270
7.547	-3.600	36.40800	.27605	105.40000	860.34000	222.50000	9999.00000	.00000	.00000	2.98630
7.543	-3.400	36.40200	.27537	105.27000	859.28000	223.25000	9999.00000	.00000	.00000	2.98460
7.540	-3.200	36.42000	.27565	105.37000	860.12000	223.95000	9999.00000	.00000	.00000	2.98330
7.524	-3.000	36.41900	.27535	105.44000	860.74000	224.64000	9999.00000	.00000	.00000	2.97690
7.527	-2.800	36.43500	.27545	105.43000	860.68000	225.38000	9999.00000	.00000	.00000	2.97840
7.532	-2.600	36.43900	.27545	105.39000	860.34000	226.08000	9999.00000	.00000	.00000	2.98020
7.532	-2.400	36.44900	.27554	105.42000	860.58000	226.78000	9999.00000	.00000	.00000	2.98010
7.526	-2.200	36.46000	.27545	105.44000	860.81000	227.41000	9999.00000	.00000	.00000	2.97800
7.534	-2.000	36.46600	.27583	105.47000	861.03000	228.12000	9999.00000	.00000	.00000	2.98100
7.538	-1.800	36.48300	.27582	105.43000	860.75000	228.74000	9999.00000	.00000	.00000	2.98250
7.544	-1.600	36.48000	.27602	105.43000	860.71000	229.43000	9999.00000	.00000	.00000	2.98490
7.553	-1.400	36.50100	.27621	105.39000	860.41000	230.09000	9999.00000	.00000	.00000	2.98860
7.586	-1.200	36.51000	.27738	105.39000	860.40000	230.78000	9999.00000	.00000	.00000	3.00150
7.560	-1.000	36.52000	.27651	105.41000	860.58000	231.42000	9999.00000	.00000	.00000	2.99120
7.565	-.800	36.52500	.27660	105.38000	860.38000	231.99000	9999.00000	.00000	.00000	2.99320
7.551	-.600	36.53200	.27618	105.41000	860.58000	232.62000	9999.00000	.00000	.00000	2.98780
7.536	-.400	36.53500	.27554	105.38000	860.40000	233.20000	9999.00000	.00000	.00000	2.98190
7.504	-.200	36.53100	.27432	105.38000	860.36000	233.85000	9999.00000	.00000	.00000	2.96900
7.486	.000	36.54200	.27358	105.35000	860.13000	234.37000	9999.00000	.00000	.00000	2.96220
7.465	.200	36.53600	.27267	105.31000	859.88000	235.01000	9999.00000	.00000	.00000	2.95370
7.463	.400	36.55300	.27274	105.35000	860.20000	235.52000	9999.00000	.00000	.00000	2.95300
7.473	.600	36.55500	.27309	105.35000	860.17000	236.11000	9999.00000	.00000	.00000	2.95700
7.475	.800	36.56800	.27268	105.23000	859.22000	236.66000	9999.00000	.00000	.00000	2.95760
7.464	1.000	36.56900	.27274	105.35000	860.21000	237.19000	9999.00000	.00000	.00000	2.95320
7.463	1.200	36.58700	.27323	105.48000	861.29000	237.80000	9999.00000	.00000	.00000	2.95300
7.459	1.400	36.59200	.27327	105.53000	861.75000	238.26000	9999.00000	.00000	.00000	2.95120
7.464	1.600	36.59700	.27357	105.56000	861.99000	238.85000	9999.00000	.00000	.00000	2.95330
7.466	1.800	36.61500	.27349	105.52000	861.70000	239.34000	9999.00000	.00000	.00000	2.95400
7.473	2.000	36.61200	.27359	105.48000	861.34000	239.91000	9999.00000	.00000	.00000	2.95700
7.469	2.200	36.62900	.27358	105.52000	861.68000	240.39000	9999.00000	.00000	.00000	2.95520
7.476	2.400	36.62800	.27389	105.54000	861.83000	240.93000	9999.00000	.00000	.00000	2.95790
7.470	2.600	36.64300	.27374	105.55000	861.95000	241.44000	9999.00000	.00000	.00000	2.95570
7.472	2.744	36.64300	.27353	105.48000	861.40000	242.10000	9999.00000	.00000	.00000	2.95640
	GRADIENT	.01964	-.00295	-.05536	-.37678	2.90536	.00012	.00000	.00000	-.02955

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E161) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2154/0 RN/L = 2.31 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.298	-3.200	36.73100	.10060	118.38000	957.21000	132.80000	.00000	.32732	10.00400	.90944
2.298	-3.000	36.73700	.10065	118.42000	957.61000	133.17000	.00000	.32925	10.00400	.90938
2.296	-2.800	36.75500	.10065	118.48000	958.15000	133.59000	.00000	.32956	10.00400	.90865
2.301	-2.600	36.75100	.10070	118.36000	957.15000	134.05000	.00000	.33154	10.00400	.91060
2.303	-2.400	36.77200	.10072	118.31000	956.81000	134.50000	.00000	.33364	10.00400	.91129
2.305	-2.200	36.77100	.10077	118.29000	956.65000	134.98000	.00000	.33482	10.00400	.91207
2.304	-2.000	36.79000	.10071	118.29000	956.70000	135.41000	.00000	.33366	10.00400	.91151
2.309	-1.800	36.79100	.10072	118.11000	955.27000	135.95000	.00000	.33580	10.00400	.91374
2.307	-1.600	36.79900	.10072	118.18000	955.86000	136.46000	.00000	.33528	10.00400	.91298
2.308	-1.400	36.81000	.10074	118.17000	955.81000	137.09000	.00000	.33587	10.00400	.91329
2.305	-1.200	36.81500	.10075	118.29000	956.86000	137.71000	.00000	.33677	10.00400	.91190
2.303	-1.000	36.83300	.10074	118.36000	957.40000	138.33000	.00000	.33817	10.00400	.91110
2.305	-.800	36.83100	.10080	118.33000	957.22000	139.02000	.00000	.33854	10.00400	.91198
2.314	-.600	36.84700	.10079	118.00000	954.63000	139.70000	.00000	.33985	10.00400	.91569
2.310	-.400	36.85100	.10079	118.14000	955.76000	140.44000	.00000	.33932	10.00400	.91414
2.305	-.200	36.86400	.10079	118.31000	957.13000	141.22000	.00000	.33980	10.00400	.91220
2.305	.000	36.86700	.10079	118.32000	957.31000	142.05000	.00000	.33957	10.00400	.91206
2.304	.200	36.87500	.10079	118.36000	957.62000	142.85000	.00000	.34080	10.00400	.91163
2.302	.400	36.89000	.10077	118.40000	958.02000	143.78000	.00000	.34051	10.00300	.91095
2.309	.600	36.89000	.10078	118.20000	956.37000	144.69000	.00000	.34111	10.00400	.91346
2.306	.800	36.90900	.10075	118.26000	956.91000	145.67000	.00000	.34097	10.00400	.91253
2.308	1.000	36.90900	.10081	118.26000	956.94000	146.78000	.00000	.34123	10.00400	.91308
2.307	1.200	36.92800	.10076	118.24000	956.80000	147.85000	.00000	.34108	10.00400	.91291
2.315	1.400	36.92600	.10079	117.99000	954.82000	149.07000	.00000	.34071	10.00400	.91603
2.316	1.600	36.94000	.10080	117.96000	954.60000	150.24000	.00000	.34162	10.00400	.91655
2.316	1.704	36.95300	.10081	117.98000	954.82000	150.84000	.00000	.34124	10.00400	.91635
GRADIENT	.03893	-.00001	.20893	1.82679	4.15714	.00000	.00128	-.00036	-.00244	

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E161) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2115/ O RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.582	-4.900	36.36000	.27793	105.55000	861.51000	217.24000	9999.00000	.00000	.00000	3.00000
7.593	-4.700	36.37600	.27787	105.43000	860.53000	218.14000	9999.00000	.00000	.00000	3.00450
7.593	-4.500	36.37100	.27807	105.48000	860.98000	219.02000	9999.00000	.00000	.00000	3.00440
7.583	-4.300	36.38800	.27761	105.46000	860.84000	219.82000	9999.00000	.00000	.00000	3.00030
7.573	-4.100	36.38600	.27725	105.46000	860.82000	220.62000	9999.00000	.00000	.00000	2.99660
7.554	-3.900	36.39600	.27648	105.45000	860.71000	221.34000	9999.00000	.00000	.00000	2.98890
7.557	-3.700	36.39700	.27655	105.43000	860.63000	222.13000	9999.00000	.00000	.00000	2.99020
7.546	-3.500	36.40200	.27574	105.34000	859.84000	222.87000	9999.00000	.00000	.00000	2.98570
7.540	-3.300	36.41400	.27537	105.30000	859.54000	223.59000	9999.00000	.00000	.00000	2.98320
7.533	-3.100	36.41700	.27558	105.41000	860.50000	224.34000	9999.00000	.00000	.00000	2.98060
7.523	-2.900	36.43400	.27535	105.45000	860.80000	225.01000	9999.00000	.00000	.00000	2.97670
7.532	-2.700	36.43300	.27552	105.41000	860.52000	225.74000	9999.00000	.00000	.00000	2.98010
7.531	-2.500	36.44900	.27545	105.40000	860.40000	226.43000	9999.00000	.00000	.00000	2.98000
7.528	-2.300	36.45000	.27550	105.44000	860.74000	227.09000	9999.00000	.00000	.00000	2.97880
7.532	-2.100	36.46900	.27573	105.46000	860.93000	227.75000	9999.00000	.00000	.00000	2.98040
7.535	-1.900	36.47300	.27585	105.46000	860.98000	228.45000	9999.00000	.00000	.00000	2.98160
7.547	-1.700	36.48700	.27614	105.43000	860.71000	229.10000	9999.00000	.00000	.00000	2.98620
7.541	-1.500	36.49200	.27586	105.41000	860.59000	229.76000	9999.00000	.00000	.00000	2.98390
7.575	-1.300	36.50300	.27692	105.37000	860.21000	230.47000	9999.00000	.00000	.00000	2.99740
7.577	-1.100	36.52100	.27720	105.42000	860.70000	231.05000	9999.00000	.00000	.00000	2.99800
7.560	-.900	36.51500	.27640	105.38000	860.34000	231.76000	9999.00000	.00000	.00000	2.99130
7.551	-.700	36.53100	.27617	105.40000	860.53000	232.28000	9999.00000	.00000	.00000	2.98790
7.555	-.500	36.53100	.27625	105.39000	860.44000	232.92000	9999.00000	.00000	.00000	2.98940
7.517	-.300	36.53800	.27484	105.38000	860.40000	233.54000	9999.00000	.00000	.00000	2.97440
7.493	-.100	36.53100	.27386	105.36000	860.22000	234.11000	9999.00000	.00000	.00000	2.96470
7.473	.100	36.54100	.27303	105.33000	860.04000	234.70000	9999.00000	.00000	.00000	2.95690
7.461	.300	36.54100	.27254	105.32000	859.93000	235.22000	9999.00000	.00000	.00000	2.95220
7.468	.500	36.55500	.27301	105.37000	860.39000	235.82000	9999.00000	.00000	.00000	2.95500
7.471	.700	36.56300	.27265	105.26000	859.45000	236.38000	9999.00000	.00000	.00000	2.95600
7.478	.900	36.56300	.27293	105.27000	859.53000	236.96000	9999.00000	.00000	.00000	2.95870
7.459	1.100	36.58600	.27287	105.42000	860.84000	237.46000	9999.00000	.00000	.00000	2.95140
7.464	1.300	36.58500	.27339	105.51000	861.57000	238.04000	9999.00000	.00000	.00000	2.95340
7.458	1.500	36.60000	.27331	105.55000	861.92000	238.56000	9999.00000	.00000	.00000	2.95080
7.469	1.700	36.60100	.27372	105.56000	861.95000	239.09000	9999.00000	.00000	.00000	2.95520
7.473	1.900	36.61900	.27354	105.47000	861.28000	239.62000	9999.00000	.00000	.00000	2.95670
7.471	2.100	36.61900	.27361	105.50000	861.55000	240.13000	9999.00000	.00000	.00000	2.95610
7.474	2.300	36.62800	.27378	105.52000	861.73000	240.68000	9999.00000	.00000	.00000	2.95720
7.473	2.500	36.64000	.27379	105.54000	861.86000	241.16000	9999.00000	.00000	.00000	2.95670
7.470	2.700	36.63400	.27371	105.54000	861.92000	241.81000	9999.00000	.00000	.00000	2.95560
	GRADIENT	.01986	-.00342	-.04429	-.26285	2.87571	.00000	.00000	.00000	-.03520

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E062) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 155/0 RN/L = 2.23 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.237	-3.296	39.22900	.09881	119.16000	964.73000	143.33000	.00000	.32956	10.00400	.88508
2.236	-3.100	39.22800	.09884	119.22000	965.22000	143.75000	.00000	.32988	10.00300	.88468
2.230	-2.900	39.24800	.09880	119.39000	966.63000	144.20000	.00000	.32935	10.00400	.88242
2.233	-2.700	39.24600	.09885	119.32000	966.07000	144.69000	.00000	.32939	10.00400	.88367
2.232	-2.500	39.26600	.09879	119.31000	966.02000	145.11000	.00000	.32976	10.00400	.88326
2.233	-2.300	39.26300	.09883	119.33000	966.21000	145.61000	.00000	.32954	10.00400	.88347
2.234	-2.100	39.28400	.09880	119.26000	965.64000	146.09000	.00000	.32924	10.00400	.88397
2.236	-1.900	39.28200	.09887	119.24000	965.52000	146.66000	.00000	.32882	10.00400	.88481
2.239	-1.700	39.30400	.09880	119.09000	964.31000	147.19000	.00000	.32829	10.00300	.88589
2.244	-1.500	39.30300	.09888	118.98000	963.45000	147.82000	.00000	.32787	10.00300	.88790
2.244	-1.300	39.32000	.09883	118.92000	962.99000	148.41000	.00000	.32743	10.00300	.88806
2.239	-1.100	39.32100	.09883	119.12000	964.67000	149.10000	.00000	.32637	10.00300	.88580
2.235	-.900	39.33600	.09881	119.26000	965.80000	149.76000	.00000	.32653	10.00400	.88415
2.237	-.700	39.34100	.09879	119.16000	965.07000	150.47000	.00000	.32569	10.00300	.88498
2.238	-.500	39.35000	.09879	119.14000	964.87000	151.17000	.00000	.32533	10.00400	.88533
2.238	-.300	39.36400	.09876	119.09000	964.55000	152.00000	.00000	.32463	10.00400	.88553
2.232	-.100	39.36900	.09874	119.29000	966.14000	152.77000	.00000	.32423	10.00300	.88323
2.226	.100	39.38100	.09872	119.49000	967.79000	153.70000	.00000	.32400	10.00300	.88084
2.226	.300	39.38700	.09874	119.53000	968.13000	154.65000	.00000	.32373	10.00400	.88058
2.227	.500	39.40100	.09873	119.46000	967.63000	155.64000	.00000	.32333	10.00400	.88119
2.228	.700	39.40300	.09873	119.44000	967.46000	156.65000	.00000	.32298	10.00300	.88150
2.230	.900	39.41700	.09869	119.32000	966.50000	157.79000	.00000	.32188	10.00400	.88252
2.230	1.100	39.41800	.09869	119.32000	966.54000	158.90000	.00000	.32128	10.00400	.88246
2.233	1.300	39.44000	.09869	119.22000	965.77000	160.06000	.00000	.32016	10.00300	.88358
2.233	1.500	39.43800	.09871	119.25000	966.04000	161.31000	.00000	.31951	10.00300	.88347
2.230	1.646	39.46000	.09868	119.34000	966.76000	162.23000	.00000	.31887	10.00200	.88223
GRADIENT	.04800	-.00006	.44571	3.74143	4.46143		.00000	-.00185	.00000	-.00542

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E062) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	40.000	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 116/ 0 RN/L = 7.41 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.434	-5.333	38.82200	.27298	105.65000	861.71000	211.95000	9999.00000	.00000	.00000	2.94130
7.429	-5.200	38.82500	.27302	105.71000	862.22000	213.28000	9999.00000	.00000	.00000	2.93930
7.416	-5.000	38.84000	.27265	105.73000	862.42000	214.25000	9999.00000	.00000	.00000	2.93440
7.418	-4.800	38.84300	.27295	105.79000	862.96000	215.28000	9999.00000	.00000	.00000	2.93500
7.404	-4.600	38.85200	.27250	105.81000	863.09000	216.18000	9999.00000	.00000	.00000	2.92970
7.404	-4.400	38.86000	.27256	105.83000	863.25000	217.07000	9999.00000	.00000	.00000	2.92960
7.413	-4.200	38.87600	.27269	105.77000	862.85000	218.02000	9999.00000	.00000	.00000	2.93320
7.416	-4.000	38.88700	.27307	105.84000	863.41000	218.90000	9999.00000	.00000	.00000	2.93450
7.405	-3.800	38.88700	.27297	105.93000	864.15000	219.82000	9999.00000	.00000	.00000	2.92990
7.399	-3.600	38.90500	.27306	106.01000	864.82000	220.71000	9999.00000	.00000	.00000	2.92750
7.394	-3.400	38.90400	.27296	106.03000	865.00000	221.66000	9999.00000	.00000	.00000	2.92570
7.412	-3.200	38.92900	.27371	106.05000	865.19000	222.46000	9999.00000	.00000	.00000	2.93290
7.402	-3.000	38.93100	.27364	106.13000	865.84000	223.40000	9999.00000	.00000	.00000	2.92890
7.395	-2.800	38.94600	.27366	106.20000	866.45000	224.27000	9999.00000	.00000	.00000	2.92620
7.391	-2.600	38.95100	.27369	106.25000	866.86000	225.10000	9999.00000	.00000	.00000	2.92460
7.409	-2.400	38.97000	.27463	106.32000	867.48000	225.98000	9999.00000	.00000	.00000	2.93170
7.427	-2.200	38.98300	.27503	106.25000	866.94000	226.80000	9999.00000	.00000	.00000	2.93880
7.443	-2.000	38.99200	.27518	106.14000	866.04000	227.65000	9999.00000	.00000	.00000	2.94510
7.438	-1.800	39.00900	.27512	106.17000	866.34000	228.47000	9999.00000	.00000	.00000	2.94310
7.441	-1.600	39.00700	.27531	106.20000	866.55000	229.38000	9999.00000	.00000	.00000	2.94420
7.436	-1.400	39.03300	.27545	106.28000	867.23000	230.16000	9999.00000	.00000	.00000	2.94230
7.430	-1.200	39.02900	.27546	106.34000	867.76000	231.01000	9999.00000	.00000	.00000	2.93990
7.422	-1.000	39.04300	.27520	106.35000	867.85000	231.72000	9999.00000	.00000	.00000	2.93670
7.411	-.800	39.04400	.27502	106.41000	868.35000	232.54000	9999.00000	.00000	.00000	2.93240
7.419	-.600	39.06000	.27507	106.35000	867.89000	233.32000	9999.00000	.00000	.00000	2.93540
7.429	-.400	39.06700	.27539	106.34000	867.83000	234.15000	9999.00000	.00000	.00000	2.93930
7.423	-.200	39.08200	.27583	106.51000	869.23000	234.94000	9999.00000	.00000	.00000	2.93710
7.427	.000	39.09500	.27585	106.48000	868.98000	235.73000	9999.00000	.00000	.00000	2.93870
7.411	.200	39.09100	.27526	106.47000	868.98000	236.53000	9999.00000	.00000	.00000	2.93250
7.421	.400	39.11500	.27580	106.52000	869.39000	237.26000	9999.00000	.00000	.00000	2.93630
7.411	.600	39.10900	.27580	106.62000	870.23000	238.03000	9999.00000	.00000	.00000	2.93220
7.406	.800	39.12600	.27564	106.62000	870.27000	238.74000	9999.00000	.00000	.00000	2.93050
7.402	1.000	39.13000	.27548	106.62000	870.28000	239.47000	9999.00000	.00000	.00000	2.92890
7.378	1.200	39.13100	.27462	106.63000	870.36000	240.17000	9999.00000	.00000	.00000	2.91940
7.375	1.400	39.13600	.27443	106.61000	870.20000	240.84000	9999.00000	.00000	.00000	2.91830
7.377	1.600	39.14300	.27467	106.66000	870.66000	241.58000	9999.00000	.00000	.00000	2.91870
7.383	1.800	39.16300	.27511	106.71000	871.09000	242.22000	9999.00000	.00000	.00000	2.92130
7.385	2.000	39.16200	.27516	106.71000	871.07000	242.92000	9999.00000	.00000	.00000	2.92220
7.393	2.200	39.18200	.27538	106.69000	870.96000	243.53000	9999.00000	.00000	.00000	2.92520
7.379	2.394	39.17600	.27516	106.77000	871.62000	244.91000	9999.00000	.00000	.00000	2.91980
	GRADIENT	.04500	.00044	.20179	1.76609	3.91786	.00012	.00000	.00000	-.00361

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E162) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AIRRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2155/0 RN/L = 2.23 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.237	-3.200	39.22600	.09884	119.19000	965.00000	143.53000	.00000	.32985	10.00400	.88493
2.232	-3.000	39.23700	.09879	119.31000	965.97000	143.97000	.00000	.32960	10.00400	.88324
2.232	-2.800	39.24600	.09883	119.37000	966.46000	144.44000	.00000	.32928	10.00400	.88299
2.233	-2.600	39.25500	.09882	119.31000	966.01000	144.85000	.00000	.32971	10.00400	.88356
2.232	-2.400	39.26700	.09881	119.32000	966.12000	145.38000	.00000	.32969	10.00400	.88331
2.233	-2.200	39.27300	.09882	119.31000	966.07000	145.80000	.00000	.32935	10.00400	.88358
2.234	-2.000	39.28400	.09882	119.26000	965.71000	146.39000	.00000	.32911	10.00400	.88410
2.239	-1.800	39.28600	.09885	119.12000	964.55000	146.94000	.00000	.32862	10.00400	.88605
2.242	-1.600	39.30500	.09885	119.03000	963.88000	147.53000	.00000	.32793	10.00300	.88701
2.244	-1.400	39.30700	.09887	118.95000	963.24000	148.10000	.00000	.32787	10.00300	.88805
2.242	-1.200	39.32600	.09882	118.98000	963.55000	148.76000	.00000	.32668	10.00400	.88721
2.236	-1.000	39.32100	.09884	119.24000	965.68000	149.43000	.00000	.32644	10.00400	.88454
2.236	-.800	39.34500	.09881	119.21000	965.46000	150.10000	.00000	.32614	10.00300	.88465
2.238	-.600	39.34200	.09881	119.15000	964.94000	150.81000	.00000	.32544	10.00300	.88535
2.238	-.400	39.36300	.09878	119.09000	964.53000	151.56000	.00000	.32508	10.00400	.88568
2.236	-.200	39.36300	.09875	119.17000	965.14000	152.40000	.00000	.32443	10.00300	.88464
2.228	.000	39.38300	.09871	119.40000	967.09000	153.23000	.00000	.32408	10.00300	.88169
2.226	.200	39.37800	.09874	119.52000	968.09000	154.19000	.00000	.32400	10.00300	.88059
2.226	.400	39.40000	.09873	119.50000	967.94000	155.14000	.00000	.32350	10.00400	.88074
2.228	.600	39.39700	.09876	119.45000	967.55000	156.16000	.00000	.32307	10.00400	.88163
2.229	.800	39.41600	.09872	119.38000	967.02000	157.17000	.00000	.32245	10.00300	.88201
2.231	1.000	39.41600	.09871	119.32000	966.51000	158.37000	.00000	.32160	10.00400	.88265
2.232	1.200	39.43300	.09868	119.27000	966.12000	159.43000	.00000	.32081	10.00400	.88303
2.233	1.400	39.43500	.09870	119.22000	965.81000	160.73000	.00000	.31993	10.00300	.88370
2.230	1.600	39.45300	.09868	119.31000	966.53000	161.92000	.00000	.31901	10.00200	.88253
GRADIENT	.04536	-.00004	.36964	3.14287	4.46429	.00000	-.00191	.00054	-.00448	

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OA257 (LARC 20-M6-6559) OV102

(T7E162) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO ,
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2116/ O RN/L = 7.41 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.443	-5.300	38.83100	.27346	105.69000	862.01000	212.59000	9999.00000	.00000	.00000	2.94500
7.414	-5.100	38.83100	.27247	105.71000	862.20000	213.73000	9999.00000	.00000	.00000	2.93340
7.410	-4.900	38.83600	.27252	105.76000	862.65000	214.80000	9999.00000	.00000	.00000	2.93190
7.413	-4.700	38.85300	.27284	105.81000	863.11000	215.72000	9999.00000	.00000	.00000	2.93320
7.408	-4.500	38.85200	.27263	105.81000	863.08000	216.63000	9999.00000	.00000	.00000	2.93120
7.391	-4.300	38.86700	.27211	105.83000	863.29000	217.54000	9999.00000	.00000	.00000	2.92460
7.421	-4.100	38.87300	.27313	105.81000	863.17000	218.44000	9999.00000	.00000	.00000	2.93640
7.410	-3.900	38.89100	.27297	105.87000	863.69000	219.38000	9999.00000	.00000	.00000	2.93210
7.398	-3.700	38.89300	.27286	105.97000	864.46000	220.27000	9999.00000	.00000	.00000	2.92720
7.393	-3.500	38.90500	.27299	106.04000	865.11000	221.21000	9999.00000	.00000	.00000	2.92540
7.404	-3.300	38.91900	.27322	106.01000	864.84000	222.06000	9999.00000	.00000	.00000	2.92940
7.410	-3.100	38.92900	.27382	106.10000	865.61000	222.96000	9999.00000	.00000	.00000	2.93200
7.393	-2.900	38.94000	.27342	106.16000	866.11000	223.81000	9999.00000	.00000	.00000	2.92530
7.394	-2.700	38.94500	.27373	106.23000	866.72000	224.70000	9999.00000	.00000	.00000	2.92570
7.402	-2.500	38.96400	.27420	106.28000	867.15000	225.54000	9999.00000	.00000	.00000	2.92860
7.417	-2.300	38.97100	.27494	106.33000	867.54000	226.39000	9999.00000	.00000	.00000	2.93470
7.442	-2.100	38.99600	.27518	106.15000	866.15000	227.21000	9999.00000	.00000	.00000	2.94450
7.442	-1.900	38.99600	.27525	106.17000	866.28000	228.05000	9999.00000	.00000	.00000	2.94470
7.437	-1.700	39.01200	.27518	106.20000	866.57000	228.90000	9999.00000	.00000	.00000	2.94260
7.440	-1.500	39.01800	.27537	106.22000	866.77000	229.76000	9999.00000	.00000	.00000	2.94380
7.428	-1.300	39.02700	.27538	106.33000	867.70000	230.60000	9999.00000	.00000	.00000	2.93920
7.432	-1.100	39.03800	.27546	106.32000	867.60000	231.36000	9999.00000	.00000	.00000	2.94070
7.411	-.900	39.04000	.27493	106.39000	868.19000	232.15000	9999.00000	.00000	.00000	2.93230
7.414	-.700	39.05900	.27517	106.42000	868.46000	232.92000	9999.00000	.00000	.00000	2.93360
7.429	-.500	39.06000	.27518	106.28000	867.37000	233.74000	9999.00000	.00000	.00000	2.93940
7.423	-.300	39.08300	.27558	106.44000	868.68000	234.54000	9999.00000	.00000	.00000	2.93710
7.425	-.100	39.08400	.27589	106.51000	869.25000	235.34000	9999.00000	.00000	.00000	2.93770
7.420	.100	39.09600	.27554	106.46000	868.89000	236.13000	9999.00000	.00000	.00000	2.93590
7.423	.300	39.09900	.27570	106.48000	869.06000	236.90000	9999.00000	.00000	.00000	2.93690
7.416	.500	39.10900	.27586	106.58000	869.89000	237.65000	9999.00000	.00000	.00000	2.93450
7.401	.700	39.11900	.27546	106.63000	870.29000	238.35000	9999.00000	.00000	.00000	2.92840
7.411	.900	39.12200	.27582	106.63000	870.32000	239.14000	9999.00000	.00000	.00000	2.93220
7.399	1.100	39.13700	.27535	106.62000	870.28000	239.80000	9999.00000	.00000	.00000	2.92760
7.371	1.300	39.12700	.27430	106.62000	870.28000	240.52000	9999.00000	.00000	.00000	2.91650
7.378	1.500	39.14400	.27459	106.63000	870.36000	241.23000	9999.00000	.00000	.00000	2.91940
7.383	1.700	39.14900	.27498	106.68000	870.79000	241.90000	9999.00000	.00000	.00000	2.92140
7.384	1.900	39.16500	.27527	106.75000	871.41000	242.58000	9999.00000	.00000	.00000	2.92150
7.384	2.100	39.17000	.27508	106.70000	871.03000	243.21000	9999.00000	.00000	.00000	2.92150
7.406	2.300	39.17900	.27562	106.63000	870.49000	243.89000	9999.00000	.00000	.00000	2.93020
	GRADIENT	.04357	.00049	.22429	1.91141	3.91715	.00000	.00000	.00000	-.00384

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E063) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 176/0 RN/L = 4.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.426	-3.904	39.17700	.16239	105.35000	854.25000	177.27000	190.00000	.55607	.19010	1.75140
4.420	-3.800	39.17700	.16240	105.45000	855.08000	178.06000	191.00000	.55461	.18995	1.74900
4.419	-3.600	39.18500	.16237	105.46000	855.17000	178.95000	192.00000	.55392	.18972	1.74850
4.417	-3.400	39.19700	.16238	105.49000	855.49000	179.85000	192.00000	.55324	.18953	1.74770
4.420	-3.200	39.19900	.16239	105.46000	855.22000	180.75000	193.00000	.55422	.18958	1.74870
4.422	-3.000	39.21500	.16243	105.44000	855.04000	181.58000	194.00000	.55464	.18946	1.74970
4.430	-2.800	39.22500	.16251	105.34000	854.28000	182.43000	195.00000	.55429	.18925	1.75300
4.433	-2.600	39.22500	.16250	105.30000	853.98000	183.34000	196.00000	.55439	.18950	1.75390
4.437	-2.400	39.24100	.16255	105.25000	853.55000	184.07000	198.00000	.55418	.18949	1.75570
4.444	-2.200	39.25200	.16260	105.17000	852.93000	184.94000	198.00000	.55607	.18945	1.75820
4.435	-2.000	39.25200	.16267	105.34000	854.34000	185.79000	200.00000	.55517	.18962	1.75470
4.428	-1.800	39.27300	.16261	105.42000	854.97000	186.57000	201.00000	.55522	.18958	1.75220
4.427	-1.600	39.27900	.16261	105.44000	855.17000	187.35000	202.00000	.55420	.18950	1.75160
4.419	-1.400	39.27700	.16260	105.56000	856.18000	188.10000	203.00000	.55399	.18938	1.74850
4.408	-1.200	39.30000	.16255	105.71000	857.36000	188.78000	203.00000	.55295	.18932	1.74430
4.406	-1.000	39.30500	.16259	105.76000	857.81000	189.58000	203.00000	.55337	.18919	1.74350
4.401	-.800	39.30800	.16259	105.84000	858.45000	190.29000	203.00000	.55246	.18920	1.74150
4.402	-.600	39.32700	.16254	105.82000	858.29000	191.03000	203.00000	.55325	.18913	1.74160
4.398	-.400	39.33300	.16257	105.88000	858.84000	191.84000	203.00000	.55238	.18900	1.74030
4.396	-.200	39.33400	.16252	105.90000	858.99000	192.55000	203.00000	.55392	.18895	1.73930
4.395	.000	39.35500	.16252	105.92000	859.12000	193.28000	204.00000	.55306	.18889	1.73900
4.390	.200	39.35500	.16253	106.00000	859.81000	194.07000	204.00000	.55300	.18878	1.73710
4.389	.400	39.36600	.16246	105.99000	859.77000	194.72000	204.00000	.55046	.18877	1.73650
4.388	.600	39.38500	.16247	106.00000	859.87000	195.36000	204.00000	.55154	.18868	1.73640
4.389	.800	39.38300	.16260	106.05000	860.27000	196.10000	205.00000	.55237	.18854	1.73650
4.388	1.000	39.39100	.16267	106.09000	860.61000	196.75000	205.00000	.55205	.18856	1.73630
4.384	1.200	39.41300	.16257	106.12000	860.83000	197.40000	206.00000	.54898	.18846	1.73470
4.382	1.400	39.40800	.16231	106.04000	860.17000	198.13000	206.00000	.54948	.18850	1.73390
4.372	1.600	39.41300	.16162	105.90000	859.12000	198.78000	206.00000	.54854	.18856	1.72980
4.339	1.800	39.41800	.16075	106.04000	860.28000	199.69000	206.00000	.54585	.18818	1.71700
4.313	2.000	39.43000	.16013	106.20000	861.57000	201.32000	205.00000	1.08670	.18715	1.70670
4.308	2.200	39.43400	.15994	106.21000	861.69000	202.71000	205.00000	.53702	.18650	1.70450
	GRADIENT	.04661	-.00007	.15357	1.32501	3.61965	1.07143	-.00177	-.00035	-.00454

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OA257 (LARC 20-M6-6559) OV102

(T7E163) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2176/ O RN/L = 4.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.426	-3.900	39.17700	.16239	105.35000	854.31000	177.32000	190.00000	.55597	.19009	1.75120
4.420	-3.700	39.17500	.16242	105.46000	855.20000	178.48000	191.00000	.55428	.18983	1.74890
4.417	-3.500	39.19500	.16235	105.48000	855.37000	179.40000	192.00000	.55387	.18961	1.74770
4.419	-3.300	39.19600	.16239	105.47000	855.32000	180.32000	193.00000	.55384	.18953	1.74830
4.420	-3.100	39.20100	.16241	105.45000	855.16000	181.19000	193.00000	.55464	.18958	1.74900
4.424	-2.900	39.22400	.16244	105.41000	854.84000	182.01000	194.00000	.55424	.18931	1.75050
4.434	-2.700	39.22500	.16253	105.29000	853.84000	182.91000	195.00000	.55434	.18935	1.75450
4.433	-2.500	39.23000	.16254	105.32000	854.10000	183.68000	196.00000	.55422	.18952	1.75400
4.444	-2.300	39.24800	.16255	105.15000	852.74000	184.51000	198.00000	.55507	.18941	1.75820
4.438	-2.100	39.25200	.16265	105.28000	853.81000	185.38000	200.00000	.55572	.18959	1.75610
4.433	-1.900	39.26200	.16264	105.36000	854.50000	186.15000	201.00000	.55546	.18962	1.75390
4.428	-1.700	39.27900	.16259	105.41000	854.93000	186.97000	202.00000	.55444	.18950	1.75210
4.424	-1.500	39.27800	.16261	105.48000	855.51000	187.75000	202.00000	.55434	.18945	1.75060
4.413	-1.300	39.28600	.16257	105.65000	856.87000	188.43000	203.00000	.55364	.18938	1.74600
4.407	-1.100	39.30700	.16257	105.74000	857.62000	189.17000	203.00000	.55348	.18926	1.74380
4.405	-.900	39.30400	.16263	105.80000	858.14000	189.94000	203.00000	.55189	.18915	1.74290
4.400	-.700	39.31500	.16254	105.84000	858.45000	190.64000	203.00000	.55266	.18918	1.74100
4.401	-.500	39.33400	.16256	105.83000	858.40000	191.44000	203.00000	.55310	.18905	1.74150
4.397	-.300	39.33300	.16258	105.91000	859.08000	192.24000	203.00000	.55315	.18892	1.73960
4.397	-.100	39.34400	.16251	105.89000	858.87000	192.89000	204.00000	.55346	.18893	1.73960
4.393	.100	39.35800	.16255	105.96000	859.45000	193.65000	204.00000	.55350	.18885	1.73830
4.389	.300	39.35600	.16250	106.01000	859.86000	194.42000	204.00000	.55122	.18877	1.73660
4.388	.500	39.37400	.16244	105.99000	859.76000	194.99000	204.00000	.55073	.18874	1.73630
4.389	.700	39.38600	.16254	106.02000	860.03000	195.74000	205.00000	.55193	.18859	1.73670
4.389	.900	39.38500	.16265	106.07000	860.39000	196.46000	205.00000	.55240	.18857	1.73680
4.384	1.100	39.40500	.16261	106.13000	860.94000	197.06000	206.00000	.55051	.18852	1.73470
4.385	1.300	39.41200	.16249	106.07000	860.42000	197.77000	206.00000	.54873	.18843	1.73510
4.382	1.500	39.40600	.16203	105.92000	859.25000	198.50000	206.00000	.54974	.18856	1.73370
4.355	1.700	39.42100	.16118	105.98000	859.73000	199.14000	206.00000	.54745	.18852	1.72330
4.324	1.900	39.41500	.16038	106.13000	860.98000	200.51000	205.00000	.54119	.18769	1.71100
4.311	2.100	39.42300	.16010	106.23000	861.79000	201.97000	205.00000	.53682	.18673	1.70580
4.307	2.259	39.42600	.15994	106.22000	861.78000	203.98000	205.00000	.53484	.18618	1.70430
	GRADIENT	.04043	-.00011	.16714	1.38858	3.57857	1.14286	-.00251	-.00030	-.00519

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OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 885

OA257 (LARC 20-M6-6559) OV102

(T7E064) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1176/ 0 RN/L = 4.33 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.338	-4.086	39.15700	.16180	106.56000	864.95000	222.61000	218.00000	.55205	.18703	1.71640
4.333	-3.900	39.17700	.16184	106.65000	865.67000	221.90000	218.00000	.55336	.18700	1.71460
4.336	-3.700	39.17800	.16198	106.66000	865.77000	221.43000	218.00000	.55451	.18707	1.71580
4.341	-3.500	39.18600	.16207	106.62000	865.40000	221.01000	219.00000	.55360	.18712	1.71780
4.343	-3.300	39.20200	.16205	106.58000	865.06000	220.51000	219.00000	.55211	.18721	1.71850
4.343	-3.100	39.20600	.16210	106.60000	865.27000	219.98000	219.00000	.55425	.18724	1.71840
4.346	-2.900	39.21300	.16219	106.60000	865.20000	219.58000	220.00000	.55456	.18724	1.71950
4.344	-2.700	39.23100	.16220	106.63000	865.48000	219.04000	220.00000	.55437	.18726	1.71880
4.349	-2.500	39.23400	.16225	106.58000	865.02000	218.55000	219.00000	.55494	.18741	1.72060
4.353	-2.300	39.24000	.16227	106.51000	864.47000	218.10000	219.00000	.55394	.18736	1.72240
4.353	-2.100	39.25800	.16226	106.51000	864.45000	217.57000	219.00000	.55363	.18726	1.72230
4.351	-1.900	39.26000	.16228	106.55000	864.77000	217.04000	218.00000	.55239	.18723	1.72150
4.353	-1.700	39.26500	.16235	106.55000	864.75000	216.60000	217.00000	.55276	.18704	1.72220
4.353	-1.500	39.28700	.16232	106.53000	864.55000	216.04000	217.00000	.55272	.18710	1.72250
4.353	-1.300	39.28900	.16234	106.54000	864.60000	215.54000	217.00000	.55215	.18707	1.72240
4.354	-1.100	39.29500	.16234	106.52000	864.48000	215.05000	216.00000	.55102	.18686	1.72280
4.351	-.900	39.31300	.16236	106.58000	864.98000	214.49000	216.00000	.55171	.18664	1.72150
4.348	-.700	39.31400	.16233	106.62000	865.27000	213.97000	216.00000	.55010	.18645	1.72030
4.348	-.500	39.32200	.16224	106.58000	864.92000	213.44000	215.00000	.55021	.18625	1.72030
4.346	-.300	39.33600	.16204	106.51000	864.38000	212.87000	214.00000	.54943	.18606	1.71970
4.348	-.100	39.33300	.16189	106.41000	863.54000	212.37000	214.00000	.54812	.18570	1.72050
4.345	.100	39.34700	.16170	106.38000	863.28000	211.80000	213.00000	.60222	.18536	1.71920
4.332	.300	39.36000	.16141	106.47000	863.97000	211.22000	212.00000	.54602	.18523	1.71410
4.314	.500	39.35300	.16093	106.55000	864.63000	210.69000	211.00000	.54288	.18498	1.70690
4.305	.700	39.36500	.16044	106.49000	864.08000	210.11000	211.00000	.54118	.18486	1.70330
4.302	.900	39.37700	.16011	106.39000	863.29000	209.52000	210.00000	.54158	.18487	1.70210
4.296	1.100	39.37100	.15990	106.39000	863.30000	208.99000	209.00000	.53745	.18485	1.69980
4.306	1.300	39.39100	.15979	106.18000	861.56000	208.36000	208.00000	.53751	.18483	1.70370
4.299	1.500	39.40000	.15971	106.26000	862.20000	207.72000	208.00000	.53669	.18487	1.70100
4.292	1.700	39.39700	.15970	106.37000	863.08000	207.13000	206.00000	.53702	.18495	1.69820
4.290	1.900	39.41900	.15969	106.39000	863.19000	206.38000	206.00000	.53724	.18540	1.69760
4.293	2.100	39.41100	.15980	106.39000	863.21000	205.73000	204.00000	.53525	.18565	1.69870
4.303	2.259	39.42500	.15980	106.23000	861.89000	204.20000	204.00000	.53586	.18615	1.70250
GRADIENT	.03443	-.00123	-.04286	-.42000	-2.75286	-3.85714	.00103	-.00131	-.01216	

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OA257 (LARC 20-M6-6559) OV102

(T7E164) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 3176/ O RN/L = 4.33 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.334	-4.000	39.16500	.16183	106.64000	865.61000	222.16000	218.00000	.55217	.18701	1.71470
4.335	-3.800	39.18000	.16190	106.65000	865.72000	221.66000	218.00000	.55454	.18701	1.71510
4.340	-3.600	39.17800	.16208	106.64000	865.60000	221.24000	218.00000	.55460	.18710	1.71730
4.342	-3.400	39.19400	.16204	106.59000	865.16000	220.74000	219.00000	.55212	.18715	1.71820
4.342	-3.200	39.20800	.16206	106.60000	865.21000	220.25000	219.00000	.55298	.18724	1.71820
4.345	-3.000	39.20600	.16218	106.59000	865.19000	219.77000	220.00000	.55435	.18724	1.71940
4.344	-2.800	39.22300	.16218	106.62000	865.38000	219.32000	220.00000	.55467	.18724	1.71880
4.345	-2.600	39.23600	.16222	106.62000	865.34000	218.79000	220.00000	.55457	.18733	1.71930
4.353	-2.400	39.23300	.16230	106.53000	864.65000	218.31000	219.00000	.55409	.18747	1.72220
4.355	-2.200	39.24900	.16227	106.48000	864.21000	217.84000	219.00000	.55394	.18724	1.72310
4.352	-2.000	39.26000	.16227	106.53000	864.62000	217.30000	218.00000	.55267	.18732	1.72180
4.351	-1.800	39.26100	.16233	106.57000	864.95000	216.84000	218.00000	.55281	.18710	1.72140
4.354	-1.600	39.27800	.16235	106.53000	864.62000	216.32000	217.00000	.55242	.18710	1.72260
4.353	-1.400	39.29000	.16232	106.54000	864.66000	215.79000	217.00000	.55186	.18708	1.72220
4.355	-1.200	39.28900	.16235	106.52000	864.44000	215.33000	216.00000	.55182	.18702	1.72310
4.353	-1.000	39.30500	.16234	106.53000	864.58000	214.77000	216.00000	.55152	.18670	1.72250
4.347	-.800	39.31500	.16232	106.62000	865.28000	214.20000	216.00000	.55054	.18653	1.72010
4.349	-.600	39.31500	.16234	106.60000	865.11000	213.73000	215.00000	.55063	.18635	1.72080
4.345	-.400	39.33100	.16212	106.56000	864.78000	213.15000	215.00000	.54944	.18615	1.71940
4.348	-.200	39.33800	.16197	106.45000	863.88000	212.60000	214.00000	.54902	.18591	1.72040
4.348	.000	39.33800	.16181	106.38000	863.27000	212.10000	214.00000	.55625	.18548	1.72050
4.338	.200	39.35400	.16156	106.44000	863.75000	211.53000	213.00000	.53544	.18530	1.71640
4.323	.400	39.35700	.16115	106.50000	864.22000	210.93000	212.00000	.54446	.18510	1.71060
4.308	.600	39.35700	.16069	106.54000	864.50000	210.44000	211.00000	.54146	.18489	1.70470
4.303	.800	39.37300	.16025	106.43000	863.64000	209.84000	210.00000	.54162	.18488	1.70260
4.299	1.000	39.37200	.16001	106.40000	863.34000	209.24000	210.00000	.53971	.18485	1.70090
4.301	1.200	39.38000	.15986	106.30000	862.52000	208.69000	209.00000	.53745	.18485	1.70170
4.307	1.400	39.39700	.15976	106.15000	861.33000	208.05000	208.00000	.53640	.18480	1.70400
4.293	1.600	39.39200	.15971	106.36000	862.97000	207.41000	206.00000	.53848	.18488	1.69860
4.290	1.800	39.41000	.15967	106.38000	863.18000	206.77000	206.00000	.53677	.18517	1.69760
4.292	2.000	39.41700	.15973	106.39000	863.18000	206.03000	204.00000	.53657	.18557	1.69810
4.295	2.200	39.41900	.15978	106.35000	862.91000	205.36000	204.00000	.53564	.18578	1.69940
	GRADIENT	.03464	-.00130	-.05536	-.55000	-2.74642	-3.39286	-.00912	-.00127	-.01248

DATE 14 DEC 82

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PAGE 887

OA257 (LARC 20-M6-6559) OV102

(T7E065) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 10.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 291/ 0 RN/L = 2.31 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.302	-4.124	9.71980	.09940	117.41000	951.75000	86.93200	.00000	.22589	.12029	.91093
2.298	-4.000	9.72980	.09938	117.53000	952.71000	87.14300	.00000	.22596	.12027	.90945
2.301	-3.800	9.72490	.09943	117.48000	952.39000	87.41900	.00000	.22567	.12025	.91039
2.307	-3.600	9.72470	.09940	117.26000	950.60000	87.67700	.00000	.22508	.12025	.91279
2.309	-3.400	9.72660	.09943	117.21000	950.25000	87.91000	.00000	.22498	.12024	.91356
2.310	-3.200	9.72660	.09943	117.18000	949.98000	88.12800	.00000	.22435	.12019	.91404
2.306	-3.000	9.73020	.09941	117.32000	951.18000	88.32600	.00000	.22397	.12017	.91223
2.304	-2.800	9.73260	.09941	117.38000	951.66000	88.52800	.00000	.22399	.12018	.91159
2.299	-2.600	9.73230	.09941	117.53000	952.94000	88.72300	.00000	.22351	.12018	.90978
2.303	-2.400	9.73380	.09947	117.44000	952.22000	88.94100	.00000	.22258	.12016	.91140
2.308	-2.200	9.74090	.09948	117.30000	951.17000	89.14800	.00000	.22162	.12016	.91311
2.308	-2.000	9.74130	.09943	117.27000	950.89000	89.39800	.00000	.22095	.12013	.91315
2.309	-1.800	9.74440	.09941	117.20000	950.42000	89.64000	.00000	.22013	.12010	.91365
2.311	-1.600	9.75010	.09944	117.17000	950.16000	89.87500	.00000	.21932	.12012	.91441
2.310	-1.400	9.75050	.09944	117.20000	950.44000	90.11500	.00000	.21885	.12014	.91402
2.306	-1.200	9.75250	.09944	117.35000	951.68000	90.32600	.00000	.21852	.12011	.91232
2.311	-1.000	9.75700	.09946	117.18000	950.34000	90.49800	.00000	.21790	.12010	.91447
2.314	-.800	9.75770	.09950	117.12000	949.87000	90.68500	.00000	.21735	.12009	.91556
2.310	-.600	9.76100	.09951	117.26000	951.09000	90.87100	.00000	.21656	.12006	.91400
2.310	-.400	9.76280	.09953	117.27000	951.19000	90.97000	.00000	.21516	.12006	.91412
2.312	-.200	9.76480	.09953	117.22000	950.80000	91.10100	.00000	.21359	.12000	.91468
2.311	.000	9.76820	.09955	117.26000	951.15000	91.16900	.00000	.21221	.11998	.91442
2.309	.200	9.76940	.09960	117.38000	952.19000	91.27000	.00000	.21109	.11998	.91346
2.307	.400	9.77400	.09961	117.44000	952.69000	91.31900	.00000	.21012	.12000	.91289
2.309	.600	9.77570	.09959	117.36000	952.02000	91.40700	.00000	.20867	.12006	.91371
2.307	.800	9.77690	.09961	117.46000	952.89000	91.45800	.00000	.20730	.12010	.91271
2.311	1.000	9.78050	.09963	117.34000	951.94000	91.55300	.00000	.20568	.12012	.91434
2.315	1.200	9.78260	.09967	117.23000	951.11000	91.65900	.00000	.20375	.12014	.91596
2.313	1.400	9.78410	.09966	117.30000	951.70000	91.75600	.00000	.20213	.12015	.91510
2.311	1.600	9.78810	.09964	117.36000	952.17000	91.91300	.00000	.20127	.12018	.91429
2.309	1.800	9.79040	.09958	117.37000	952.33000	92.01200	.00000	.20017	.12018	.91355
2.307	2.000	9.79420	.09956	117.40000	952.64000	92.20300	.00000	.19807	.12021	.91301
2.308	2.200	9.79640	.09959	117.42000	952.78000	92.36900	.00000	.19641	.12022	.91317
2.308	2.400	9.80120	.09963	117.44000	952.99000	92.56500	.00000	.19440	.12024	.91324
2.311	2.600	9.80420	.09960	117.31000	951.96000	92.76900	.00000	.19216	.12024	.91457
2.317	2.800	9.80940	.09966	117.16000	950.79000	92.97900	.00000	.18981	.12024	.91687
2.318	3.000	9.81110	.09967	117.15000	950.70000	93.21700	.00000	.18658	.12024	.91716
2.316	3.200	9.81430	.09966	117.19000	951.12000	93.44800	.00000	.18315	.12018	.91645
2.313	3.400	9.81840	.09964	117.29000	951.94000	93.67300	.00000	.18002	.12017	.91516
	GRADIENT	.01270	.00008	.14286	1.28215	.44196	.00000	-.00647	-.00002	-.00081

DATE 14 DEC 82

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0A257 (LARC 20-M6-6559) OV102

(T7E065) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA	=	10.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 277/ O RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.645	-4.508	9.67710	.28734	106.79000	860.20000	110.75000	9999.00000	.60643	.32485	3.02510
7.647	-4.400	9.68520	.28735	106.78000	860.15000	111.27000	9999.00000	.60445	.32462	3.02560
7.644	-4.200	9.68370	.28724	106.78000	860.18000	111.87000	9999.00000	.60371	.32447	3.02450
7.632	-4.000	9.68350	.28703	106.84000	860.68000	112.46000	9999.00000	.60202	.32433	3.01980
7.632	-3.800	9.68470	.28713	106.87000	860.94000	113.07000	9999.00000	.59895	.32396	3.01960
7.639	-3.600	9.68560	.28744	106.88000	861.04000	113.69000	9999.00000	.59716	.32399	3.02250
7.647	-3.400	9.68710	.28763	106.85000	860.84000	114.33000	9999.00000	.59725	.32387	3.02570
7.661	-3.200	9.68790	.28825	106.87000	861.02000	115.00000	9999.00000	.59449	.32447	3.03140
7.648	-3.000	9.69080	.28778	106.88000	861.10000	115.66000	9999.00000	.59258	.32440	3.02620
7.660	-2.800	9.69390	.28826	106.89000	861.24000	116.32000	9999.00000	.59101	.32427	3.03070
7.657	-2.600	9.69560	.28839	106.95000	861.70000	116.97000	9999.00000	.58692	.32442	3.02980
7.654	-2.400	9.69960	.28807	106.90000	861.35000	117.63000	9999.00000	.58299	.32436	3.02840
7.653	-2.200	9.70330	.28819	106.94000	861.69000	118.28000	9999.00000	.57514	.32435	3.02810
7.643	-2.000	9.70850	.28782	106.94000	861.76000	118.92000	9999.00000	.57126	.32433	3.02400
7.637	-1.800	9.71120	.28756	106.93000	861.69000	119.60000	9999.00000	.56801	.32406	3.02180
7.638	-1.600	9.71120	.28759	106.94000	861.72000	120.25000	9999.00000	.56407	.32401	3.02200
7.652	-1.400	9.71510	.28806	106.92000	861.64000	120.90000	9999.00000	.56357	.32406	3.02760
7.656	-1.200	9.71630	.28777	106.81000	860.77000	121.52000	9999.00000	.56390	.32422	3.02930
7.645	-1.000	9.71670	.28765	106.88000	861.38000	122.09000	9999.00000	.56143	.32397	3.02500
7.651	-.800	9.72100	.28803	106.92000	861.69000	122.64000	9999.00000	.56045	.32395	3.02750
7.640	-.600	9.72200	.28782	106.97000	862.13000	123.16000	9999.00000	.55511	.32411	3.02310
7.632	-.400	9.72500	.28731	106.93000	861.80000	123.63000	9999.00000	.55149	.32394	3.01960
7.628	-.200	9.72840	.28723	106.95000	861.96000	123.99000	9999.00000	.54740	.32385	3.01820
7.612	.000	9.73240	.28679	106.98000	862.29000	124.32000	9999.00000	.53900	.32386	3.01200
7.601	.200	9.73350	.28640	107.00000	862.40000	124.60000	9999.00000	.53710	.32345	3.00740
7.604	.400	9.73440	.28674	107.05000	862.88000	124.89000	9999.00000	.52935	.32312	3.00860
7.612	.600	9.73560	.28695	107.03000	862.71000	125.22000	9999.00000	.52597	.32309	3.01190
7.624	.800	9.73900	.28743	107.03000	862.79000	125.62000	9999.00000	4313.20001	.32326	3.01670
7.615	1.000	9.73910	.28692	107.00000	862.50000	126.11000	9999.00000	.52858	.32371	3.01310
7.645	1.200	9.74110	.28719	106.79000	860.83000	126.53000	9999.00000	.52370	.32378	3.02480
7.643	1.400	9.74440	.28707	106.77000	860.75000	126.99000	9999.00000	.52072	.32386	3.02420
7.630	1.600	9.74670	.28721	106.93000	862.01000	127.47000	9999.00000	.51143	.32365	3.01910
7.627	1.800	9.75340	.28746	107.02000	862.80000	127.95000	9999.00000	.50527	.32349	3.01780
7.612	2.000	9.75440	.28706	107.06000	863.14000	128.48000	9999.00000	.50111	.32364	3.01190
7.611	2.200	9.75470	.28677	107.00000	862.68000	129.01000	9999.00000	.48933	.32333	3.01150
7.626	2.400	9.75890	.28765	107.08000	863.34000	129.59000	9999.00000	.47523	.32347	3.01740
7.607	2.600	9.76090	.28715	107.13000	863.79000	130.17000	9999.00000	.46093	.32434	3.01000
7.600	2.800	9.76180	.28660	107.07000	863.26000	130.77000	9999.00000	.44719	.32416	3.00720
7.593	3.000	9.76490	.28646	107.10000	863.56000	131.32000	9999.00000	.44139	.32330	3.00430
7.590	3.200	9.76810	.28640	107.11000	863.69000	131.87000	9999.00000	.42757	.32283	3.00310
7.573	3.400	9.77280	.28574	107.10000	863.63000	132.40000	9999.00000	.42066	.32261	2.99660
7.575	3.600	9.77620	.28547	107.02000	862.98000	132.97000	9999.00000	.40763	.32245	2.99730

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OA257 (LARC 20-M6-6559) OV102

(T7E065) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 277/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.568	3.800	9.77660	.28541	107.08000	863.47000	133.43000	9999.00000	.39812	.32245	2.99430
7.580	4.000	9.77570	.28592	107.09000	863.59000	134.12000	9999.00000	.38262	.32188	2.99930
GRADIENT		.01155	-.00082	.08393	.77501	1.66250	.00012	-.02536	-.00091	-.01186

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OA257 (LARC 20-M6-6559) OV102

(T7E165) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2291/0 RN/L = 2.31 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.301	-4.100	9.72210	.09939	117.45000	952.05000	87.00200	.00000	.22595	.12029	.91041
2.298	-3.900	9.72640	.09939	117.55000	952.91000	87.28300	.00000	.22588	.12026	.90928
2.306	-3.700	9.72470	.09944	117.34000	951.20000	87.56000	.00000	.22536	.12026	.91224
2.307	-3.500	9.72580	.09940	117.27000	950.69000	87.82200	.00000	.22502	.12025	.91270
2.310	-3.300	9.72940	.09943	117.16000	949.88000	88.02200	.00000	.22479	.12022	.91416
2.307	-3.100	9.72740	.09941	117.28000	950.85000	88.22400	.00000	.22413	.12017	.91263
2.306	-2.900	9.72970	.09941	117.31000	951.08000	88.42600	.00000	.22385	.12018	.91238
2.301	-2.700	9.73140	.09941	117.46000	952.38000	88.62900	.00000	.22394	.12018	.91058
2.300	-2.500	9.73390	.09944	117.54000	953.00000	88.83300	.00000	.22304	.12016	.91003
2.307	-2.300	9.73530	.09946	117.33000	951.34000	89.04900	.00000	.22201	.12015	.91263
2.308	-2.100	9.74160	.09947	117.29000	951.12000	89.30700	.00000	.22131	.12015	.91314
2.309	-1.900	9.74360	.09942	117.21000	950.48000	89.51900	.00000	.22061	.12011	.91367
2.309	-1.700	9.74830	.09942	117.21000	950.47000	89.73800	.00000	.21971	.12010	.91368
2.312	-1.500	9.74910	.09945	117.14000	949.96000	89.99800	.00000	.21900	.12014	.91476
2.308	-1.300	9.75110	.09945	117.28000	951.15000	90.23100	.00000	.21872	.12012	.91317
2.307	-1.100	9.75430	.09944	117.31000	951.39000	90.42500	.00000	.21827	.12010	.91276
2.315	-.900	9.75580	.09949	117.08000	949.57000	90.57400	.00000	.21761	.12010	.91589
2.311	-.700	9.75990	.09950	117.21000	950.66000	90.82300	.00000	.21710	.12006	.91454
2.309	-.500	9.76300	.09952	117.29000	951.33000	90.92300	.00000	.21577	.12006	.91371
2.312	-.300	9.76390	.09953	117.21000	950.68000	91.04200	.00000	.21436	.12005	.91484
2.312	-.100	9.76500	.09954	117.23000	950.92000	91.11700	.00000	.21292	.11998	.91462
2.310	.100	9.76960	.09957	117.31000	951.55000	91.21400	.00000	.21168	.11998	.91408
2.307	.300	9.77250	.09961	117.44000	952.68000	91.28100	.00000	.21066	.11998	.91285
2.310	.500	9.77460	.09961	117.37000	952.10000	91.38600	.00000	.20946	.12003	.91382
2.309	.700	9.77550	.09963	117.41000	952.48000	91.43000	.00000	.20799	.12009	.91350
2.308	.900	9.77930	.09962	117.43000	952.68000	91.51400	.00000	.20658	.12011	.91314
2.314	1.100	9.78310	.09964	117.25000	951.28000	91.62100	.00000	.20465	.12014	.91543
2.315	1.300	9.78340	.09966	117.24000	951.20000	91.73400	.00000	.20290	.12014	.91583
2.311	1.500	9.78630	.09963	117.34000	952.07000	91.80900	.00000	.20158	.12018	.91430
2.310	1.700	9.79000	.09959	117.36000	952.20000	91.96700	.00000	.20082	.12018	.91384
2.309	1.900	9.79270	.09958	117.38000	952.42000	92.11500	.00000	.19920	.12019	.91343
2.307	2.100	9.79480	.09957	117.42000	952.79000	92.26200	.00000	.19719	.12021	.91293
2.309	2.300	9.79930	.09961	117.41000	952.72000	92.46900	.00000	.19545	.12022	.91347
2.308	2.500	9.80340	.09961	117.43000	952.88000	92.68600	.00000	.19331	.12024	.91326
2.316	2.700	9.80710	.09964	117.19000	951.01000	92.88200	.00000	.19095	.12023	.91632
2.318	2.900	9.80760	.09967	117.13000	950.55000	93.12300	.00000	.18831	.12026	.91730
2.317	3.100	9.81390	.09968	117.19000	951.06000	93.33900	.00000	.18496	.12020	.91668
2.314	3.300	9.81740	.09964	117.24000	951.54000	93.57200	.00000	.18135	.12018	.91568
2.314	3.493	9.81640	.09967	117.29000	951.96000	93.74200	.00000	.17913	.12015	.91544
	GRADIENT	.01263	.00011	.16714	1.49714	.44700	.00000	-.00627	-.00005	-.00085

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OA257 (LARC 20-M6-6559) OV102

(T7E165) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 10.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2277/ O RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.643	-4.500	9.67750	.28722	106.78000	860.17000	110.83000	9999.00000	.60609	.32482	3.02400
7.640	-4.300	9.68280	.28703	106.76000	860.00000	111.58000	9999.00000	.60448	.32446	3.02310
7.645	-4.100	9.68330	.28741	106.81000	860.47000	112.18000	9999.00000	.60298	.32442	3.02480
7.623	-3.900	9.68090	.28677	106.86000	860.84000	112.76000	9999.00000	.60134	.32419	3.01630
7.628	-3.700	9.68630	.28701	106.87000	860.98000	113.36000	9999.00000	.59817	.32397	3.01820
7.640	-3.500	9.68470	.28761	106.91000	861.27000	114.02000	9999.00000	.59681	.32388	3.02310
7.664	-3.300	9.68610	.28809	106.81000	860.53000	114.68000	9999.00000	.59637	.32422	3.03230
7.654	-3.100	9.69000	.28816	106.92000	861.40000	115.31000	9999.00000	.59374	.32446	3.02850
7.657	-2.900	9.69220	.28802	106.86000	860.96000	115.99000	9999.00000	.59201	.32428	3.02950
7.663	-2.700	9.69520	.28856	106.94000	861.61000	116.65000	9999.00000	.58828	.32440	3.03200
7.657	-2.500	9.69680	.28828	106.92000	861.49000	117.30000	9999.00000	.58566	.32444	3.02980
7.653	-2.300	9.70450	.28814	106.93000	861.57000	117.92000	9999.00000	.57995	.32426	3.02810
7.652	-2.100	9.70600	.28820	106.95000	861.77000	118.62000	9999.00000	.57300	.32437	3.02780
7.638	-1.900	9.71060	.28755	106.93000	861.62000	119.26000	9999.00000	.57037	.32425	3.02200
7.637	-1.700	9.71290	.28758	106.94000	861.75000	119.90000	9999.00000	.56544	.32399	3.02170
7.651	-1.500	9.71480	.28815	106.95000	861.88000	120.56000	9999.00000	.56344	.32404	3.02720
7.656	-1.300	9.71810	.28785	106.83000	860.89000	121.22000	9999.00000	.56313	.32417	3.02940
7.652	-1.100	9.71530	.28779	106.85000	861.09000	121.81000	9999.00000	.56333	.32405	3.02790
7.641	-.900	9.71800	.28755	106.90000	861.54000	122.37000	9999.00000	.55989	.32396	3.02320
7.653	-.700	9.72060	.28820	106.95000	861.95000	122.93000	9999.00000	.55885	.32402	3.02800
7.627	-.500	9.72430	.28724	106.96000	862.03000	123.40000	9999.00000	.55314	.32411	3.01770
7.637	-.300	9.72910	.28746	106.92000	861.72000	123.81000	9999.00000	.54859	.32385	3.02180
7.617	-.100	9.73010	.28691	106.97000	862.17000	124.16000	9999.00000	.54294	.32396	3.01380
7.603	.100	9.73350	.28644	106.98000	862.30000	124.46000	9999.00000	.53936	.32364	3.00830
7.616	.300	9.73540	.28712	107.04000	862.74000	124.72000	9999.00000	.53157	.32323	3.01330
7.602	.500	9.73740	.28660	107.03000	862.72000	125.05000	9999.00000	.52777	.32307	3.00810
7.625	.700	9.73710	.28736	107.01000	862.58000	125.41000	9999.00000	2415.00000	.32311	3.01700
7.619	.900	9.73710	.28735	107.07000	863.05000	125.87000	9999.00000	.53261	.32358	3.01450
7.626	1.100	9.73850	.28682	106.87000	861.48000	126.31000	9999.00000	.52619	.32371	3.01740
7.637	1.300	9.74350	.28687	106.78000	860.79000	126.76000	9999.00000	.52192	.32392	3.02170
7.643	1.500	9.74560	.28738	106.85000	861.39000	127.22000	9999.00000	.51756	.32379	3.02410
7.626	1.700	9.75130	.28727	106.98000	862.43000	127.74000	9999.00000	.50675	.32355	3.01760
7.620	1.900	9.75310	.28732	107.05000	863.07000	128.22000	9999.00000	.50330	.32353	3.01490
7.607	2.100	9.75450	.28684	107.06000	863.12000	128.77000	9999.00000	.49601	.32351	3.00980
7.615	2.300	9.76030	.28696	107.01000	862.77000	129.31000	9999.00000	.48324	.32321	3.01310
7.619	2.500	9.76200	.28759	107.13000	863.78000	129.87000	9999.00000	.46750	.32396	3.01450
7.603	2.700	9.76210	.28677	107.08000	863.33000	130.45000	9999.00000	.45344	.32441	3.00840
7.599	2.900	9.76320	.28663	107.08000	863.41000	131.04000	9999.00000	.44417	.32367	3.00670
7.592	3.100	9.76580	.28647	107.11000	863.65000	131.57000	9999.00000	.43642	.32308	3.00400
7.577	3.300	9.77040	.28592	107.12000	863.73000	132.12000	9999.00000	.42268	.32275	2.99800
7.573	3.500	9.77430	.28559	107.07000	863.37000	132.67000	9999.00000	.41588	.32244	2.99660
7.576	3.700	9.77730	.28557	107.04000	863.15000	133.25000	9999.00000	.40111	.32251	2.99760

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OA257 (LARC 20-M6-6559) OV102

(T7E165) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 10.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2277/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.568	3.900	9.77620	.28564	107.13000	863.89000	133.83000	9999.00000	.39079	.32208	2.99460
7.570	4.100	9.77110	.28569	107.13000	863.89000	134.52000	9999.00000	.37392	.32205	2.99540
GRADIENT		.01254	-.00067	.10286	.94857	1.61143	.00000	-.02593	-.00105	-.01129

DATE 14 DEC 82

DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E066) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 12.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 290/ O RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.313	-4.109	12.20600	.10021	117.61000	951.57000	84.29100	9999.00000	.25134	.12055	.91508
2.311	-4.000	12.21700	.10021	117.66000	951.98000	84.56200	9999.00000	.25067	.12069	.91452
2.314	-3.800	12.21200	.10025	117.61000	951.60000	84.81300	9999.00000	.25085	.12080	.91546
2.318	-3.600	12.21200	.10023	117.46000	950.45000	85.07300	9999.00000	.25173	.12090	.91702
2.316	-3.400	12.21800	.10023	117.51000	950.87000	85.30900	9999.00000	.25190	.12100	.91642
2.314	-3.200	12.21900	.10018	117.53000	951.06000	85.56000	9999.00000	.25133	.12105	.91574
2.316	-3.000	12.22000	.10017	117.46000	950.51000	85.78700	9999.00000	.25039	.12111	.91650
2.315	-2.800	12.22100	.10015	117.50000	950.84000	85.99000	9999.00000	.25005	.12113	.91588
2.320	-2.600	12.22800	.10008	117.26000	948.97000	86.21300	9999.00000	.24991	.12116	.91805
2.323	-2.400	12.23000	.10002	117.11000	947.74000	86.48700	9999.00000	.24926	.12116	.91928
2.324	-2.200	12.23300	.09993	117.03000	947.12000	86.68600	9999.00000	.24986	.12117	.91944
2.321	-2.000	12.23600	.09986	117.06000	947.40000	86.94000	9999.00000	.24920	.12116	.91844
2.323	-1.800	12.23900	.09977	116.94000	946.43000	87.19600	9999.00000	.24885	.12111	.91911
2.314	-1.600	12.23800	.09964	117.13000	948.03000	87.43400	9999.00000	.24921	.12095	.91562
2.307	-1.400	12.24200	.09958	117.32000	949.54000	87.66600	9999.00000	.24865	.12084	.91296
2.305	-1.200	12.24200	.09955	117.37000	949.97000	87.91200	9999.00000	.24771	.12072	.91214
2.306	-1.000	12.24800	.09943	117.24000	949.01000	88.10500	9999.00000	.24772	.12062	.91238
2.301	-.800	12.24900	.09933	117.33000	949.73000	88.30800	9999.00000	.24719	.12054	.91049
2.301	-.600	12.25500	.09914	117.20000	948.73000	88.44300	9999.00000	.24673	.12048	.91031
2.302	-.400	12.25800	.09899	117.03000	947.35000	88.58000	9999.00000	.24705	.12034	.91095
2.297	-.200	12.26000	.09887	117.12000	948.11000	88.69800	9999.00000	.24686	.12018	.90874
2.286	.000	12.26500	.09873	117.38000	950.21000	88.79400	9999.00000	.24713	.12006	.90450
2.279	.200	12.26700	.09866	117.56000	951.69000	88.87700	9999.00000	.24582	.11995	.90184
2.280	.400	12.27200	.09862	117.49000	951.20000	88.94200	9999.00000	.24524	.11986	.90220
2.276	.600	12.27500	.09853	117.58000	951.96000	89.03000	9999.00000	.24465	.11980	.90039
2.276	.800	12.27700	.09848	117.52000	951.46000	89.15700	9999.00000	.24441	.11973	.90070
2.279	1.000	12.28000	.09845	117.39000	950.44000	89.24500	9999.00000	.24344	.11962	.90186
2.282	1.200	12.28300	.09843	117.30000	949.72000	89.36300	9999.00000	.24351	.11949	.90277
2.283	1.400	12.28600	.09845	117.27000	949.53000	89.52400	9999.00000	.24361	.11941	.90333
2.282	1.600	12.28800	.09843	117.29000	949.73000	89.68900	9999.00000	.24340	.11936	.90291
2.278	1.800	12.28700	.09839	117.40000	950.66000	89.86300	9999.00000	.24323	.11931	.90122
2.274	2.000	12.29100	.09833	117.49000	951.43000	90.02400	9999.00000	.24328	.11927	.89968
2.273	2.200	12.29500	.09838	117.55000	951.94000	90.24500	9999.00000	.24339	.11921	.89939
2.278	2.400	12.29900	.09840	117.40000	950.70000	90.46400	9999.00000	.24216	.11915	.90142
2.283	2.600	12.30200	.09837	117.21000	949.17000	90.72900	9999.00000	.24181	.11907	.90334
2.290	2.800	12.30700	.09836	116.98000	947.34000	90.98000	9999.00000	.24140	.11893	.90594
2.295	3.000	12.31300	.09838	116.82000	946.09000	91.23800	9999.00000	.24070	.11882	.90805
2.299	3.200	12.31600	.09837	116.68000	944.97000	91.42300	9999.00000	.24006	.11885	.90960
2.295	3.361	12.31800	.09829	116.74000	945.51000	91.62900	9999.00000	.23919	.11891	.90807
	GRADIENT	.01696	-.00050	.44643	3.74465	.47572	.00012	-.00195	-.00058	-.00967

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OA257 (LARC 20-M6-6559) OV102

(T7E066) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 12.500 PHI = .000
 SPDBRK = .000 AIRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 276/ 0 RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.590	-4.202	12.12400	.28658	107.13000	863.23000	122.11000	9999.00000	.67406	.32347	3.00310
7.584	-4.100	12.13300	.28654	107.17000	863.61000	122.59000	9999.00000	.67314	.32331	3.00090
7.583	-3.900	12.13300	.28646	107.17000	863.59000	123.28000	9999.00000	.67676	.32300	3.00030
7.593	-3.700	12.13700	.28638	107.05000	862.66000	123.97000	9999.00000	.67880	.32299	3.00450
7.579	-3.500	12.13700	.28635	107.18000	863.70000	124.67000	9999.00000	.67901	.32327	2.99890
7.578	-3.300	12.13800	.28620	107.15000	863.54000	125.39000	9999.00000	.67287	.32308	2.99840
7.570	-3.100	12.14200	.28603	107.19000	863.84000	126.10000	9999.00000	.67638	.32270	2.99520
7.570	-2.900	12.14400	.28605	107.20000	863.92000	126.82000	9999.00000	.67567	.32266	2.99510
7.567	-2.700	12.14700	.28620	107.26000	864.48000	127.53000	9999.00000	.67292	.32287	2.99390
7.569	-2.500	12.15000	.28644	107.30000	864.83000	128.24000	9999.00000	.67297	.32267	2.99480
7.570	-2.300	12.15600	.28683	107.39000	865.56000	128.96000	9999.00000	.67469	.32266	2.99530
7.583	-2.100	12.15700	.28751	107.43000	865.93000	129.68000	9999.00000	.67631	.32291	3.00060
7.577	-1.900	12.16000	.28713	107.40000	865.72000	130.40000	9999.00000	.67437	.32355	2.99790
7.549	-1.700	12.16700	.28577	107.33000	865.15000	131.08000	9999.00000	.67179	.32351	2.98690
7.531	-1.500	12.16900	.28506	107.32000	865.08000	131.82000	9999.00000	.67156	.32307	2.98000
7.517	-1.300	12.17100	.28402	107.20000	864.15000	132.55000	9999.00000	.67195	.32236	2.97410
7.512	-1.100	12.17400	.28398	107.23000	864.43000	133.26000	9999.00000	.66776	.32188	2.97240
7.508	-.900	12.17600	.28403	107.29000	864.92000	133.93000	9999.00000	.66491	.32186	2.97060
7.500	-.700	12.17900	.28418	107.40000	865.84000	134.45000	9999.00000	.66643	.32131	2.96760
7.497	-.500	12.18000	.28401	107.39000	865.79000	134.94000	9999.00000	.66553	.32113	2.96620
7.495	-.300	12.18200	.28433	107.49000	866.57000	135.24000	9999.00000	.66590	.32063	2.96570
7.501	-.100	12.18800	.28484	107.56000	867.20000	135.51000	9999.00000	.66490	.32057	2.96790
7.506	.100	12.19200	.28490	107.53000	866.99000	135.80000	9999.00000	.66570	.32082	2.96990
7.495	.300	12.19700	.28443	107.51000	866.88000	136.08000	9999.00000	.66207	.32103	2.96570
7.487	.500	12.19900	.28432	107.57000	867.36000	136.41000	9999.00000	.65639	.32076	2.96230
7.465	.700	12.20400	.28340	107.55000	867.20000	136.73000	9999.00000	.65945	.32060	2.95370
7.474	.900	12.20800	.28352	107.49000	866.78000	137.03000	9999.00000	.66088	.32021	2.95720
7.477	1.100	12.21000	.28321	107.38000	865.92000	137.37000	9999.00000	.65902	.31997	2.95850
7.482	1.300	12.21300	.28331	107.36000	865.77000	137.70000	9999.00000	.65508	.32006	2.96060
7.485	1.500	12.21200	.28368	107.43000	866.31000	138.16000	9999.00000	.65529	.32031	2.96180
7.503	1.700	12.21700	.28441	107.44000	866.47000	138.60000	9999.00000	.65459	.32005	2.96880
7.500	1.900	12.22100	.28470	107.54000	867.31000	139.12000	9999.00000	.65658	.32040	2.96770
7.507	2.100	12.22300	.28482	107.51000	867.09000	139.69000	9999.00000	.65545	.32061	2.97030
7.512	2.300	12.22600	.28523	107.57000	867.53000	140.25000	9999.00000	.65580	.32070	2.97240
7.528	2.500	12.22800	.28525	107.42000	866.37000	140.85000	9999.00000	.65326	.32080	2.97870
7.537	2.700	12.23500	.28544	107.39000	866.14000	141.41000	9999.00000	.65037	.32165	2.98210
7.523	2.900	12.23900	.28529	107.48000	866.89000	142.02000	9999.00000	.64755	.32181	2.97680
7.512	3.100	12.24100	.28493	107.49000	867.05000	142.60000	9999.00000	.64297	.32136	2.97250
7.500	3.300	12.24400	.28448	107.50000	867.14000	143.20000	9999.00000	.63929	.32101	2.96740
7.490	3.500	12.24600	.28433	107.56000	867.64000	143.80000	9999.00000	.63441	.32059	2.96360
7.495	3.700	12.24700	.28419	107.48000	867.01000	144.44000	9999.00000	.63031	.32020	2.96550
7.514	3.900	12.25000	.28445	107.36000	866.08000	145.06000	9999.00000	.62565	.32050	2.97310

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0A257 (LARC 20-M6-6559) OV102

(T7E066) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

PARAMETRIC DATA

ALPHA	=	12.500	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 276/ O RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.499	4.100	12.25200	.28407	107.41000	866.48000	145.67000	9999.00000	.61937	.32048	2.96720
7.505	4.218	12.24800	.28433	107.42000	866.57000	146.08000	9999.00000	.61615	.32030	2.96960
	GRADIENT	.02057	.00027	.13286	1.22429	1.45143	.00000	-.00806	-.00006	-.00250

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E166) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 12.500 PHI = .000
 SPDBRK = .000 AIRRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2290/ O RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN	
2.312	-4.100	12.20700	.10020	117.62000	951.66000	84.35400	9999.00000	.25116	.12057	.91481	
2.312	-3.900	12.21500	.10023	117.64000	951.88000	84.70000	9999.00000	.25087	.12074	.91484	
2.316	-3.700	12.21300	.10025	117.52000	950.88000	84.96500	9999.00000	.25125	.12086	.91656	
2.316	-3.500	12.21500	.10024	117.51000	950.83000	85.19600	9999.00000	.25172	.12096	.91655	
2.315	-3.300	12.21900	.10019	117.53000	951.05000	85.41500	9999.00000	.25177	.12103	.91583	
2.316	-3.100	12.22100	.10018	117.49000	950.71000	85.64800	9999.00000	.25091	.12108	.91628	
2.315	-2.900	12.22100	.10016	117.51000	950.95000	85.88700	9999.00000	.25021	.12112	.91579	
2.316	-2.700	12.22400	.10012	117.44000	950.40000	86.10900	9999.00000	.24978	.12115	.91634	
2.323	-2.500	12.23000	.10004	117.15000	948.07000	86.36700	9999.00000	.24959	.12116	.91900	
2.325	-2.300	12.23200	.09998	117.02000	947.05000	86.57500	9999.00000	.24952	.12117	.92003	
2.322	-2.100	12.23100	.09993	117.07000	947.49000	86.81300	9999.00000	.24965	.12116	.91890	
2.322	-1.900	12.23800	.09981	116.99000	946.82000	87.05700	9999.00000	.24892	.12115	.91882	
2.320	-1.700	12.24100	.09969	116.97000	946.74000	87.31000	9999.00000	.24895	.12104	.91796	
2.310	-1.500	12.23900	.09961	117.25000	949.03000	87.56100	9999.00000	.24891	.12089	.91393	
2.306	-1.300	12.24200	.09957	117.37000	950.00000	87.81400	9999.00000	.24818	.12077	.91224	
2.307	-1.100	12.24400	.09950	117.28000	949.29000	88.02300	9999.00000	.24768	.12068	.91264	
2.304	-.900	12.24800	.09938	117.28000	949.30000	88.19100	9999.00000	.24749	.12057	.91152	
2.300	-.700	12.25300	.09922	117.29000	949.43000	88.38400	9999.00000	.24688	.12052	.90994	
2.301	-.500	12.25600	.09907	117.12000	948.07000	88.52600	9999.00000	.24677	.12042	.91058	
2.302	-.300	12.25800	.09892	117.00000	947.09000	88.61100	9999.00000	.24692	.12028	.91065	
2.291	-.100	12.26300	.09878	117.26000	949.25000	88.74900	9999.00000	.24700	.12010	.90631	
2.282	.100	12.26500	.09868	117.49000	951.16000	88.85700	9999.00000	.24668	.12000	.90274	
2.280	.300	12.27000	.09866	117.51000	951.36000	88.88800	9999.00000	.24545	.11990	.90233	
2.278	.500	12.27300	.09857	117.54000	951.62000	88.99900	9999.00000	.24495	.11983	.90121	
2.275	.700	12.27500	.09850	117.57000	951.89000	89.07600	9999.00000	.24448	.11976	.90023	
2.278	.900	12.27800	.09845	117.44000	950.80000	89.18300	9999.00000	.24394	.11969	.90139	
2.280	1.100	12.28100	.09842	117.34000	950.04000	89.32500	9999.00000	.24343	.11956	.90225	
2.282	1.300	12.28400	.09845	117.29000	949.65000	89.43800	9999.00000	.24354	.11944	.90311	
2.282	1.500	12.28500	.09844	117.28000	949.61000	89.61900	9999.00000	.24356	.11939	.90309	
2.280	1.700	12.28600	.09841	117.35000	950.25000	89.78000	9999.00000	.24347	.11934	.90199	
2.276	1.900	12.29100	.09836	117.44000	950.99000	89.96400	9999.00000	.24315	.11930	.90055	
2.273	2.100	12.29400	.09835	117.53000	951.74000	90.16100	9999.00000	.24346	.11923	.89939	
2.275	2.300	12.29700	.09840	117.50000	951.55000	90.36600	9999.00000	.24283	.11919	.90020	
2.280	2.500	12.30000	.09837	117.32000	950.05000	90.60000	9999.00000	.24185	.11913	.90209	
2.287	2.700	12.30400	.09838	117.09000	948.22000	90.86400	9999.00000	.24178	.11900	.90491	
2.293	2.900	12.31100	.09838	116.90000	946.70000	91.12300	9999.00000	.24079	.11888	.90709	
2.298	3.100	12.31400	.09837	116.69000	945.09000	91.32400	9999.00000	.24046	.11882	.90935	
2.297	3.300	12.31900	.09833	116.72000	945.31000	91.54700	9999.00000	.23954	.11890	.90876	
		GRADIENT	.01757	-.00048	.55143	4.63858	.47200	.00000	-.00198	-.00060	-.01077

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OA257 (LARC 20-M6-6559) OV102

(T7E166) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 12.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2276/ 0 RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.590	-4.200	12.12400	.28657	107.13000	863.24000	122.12000	9999.00000	.67404	.32346	3.00300
7.591	-4.000	12.13200	.28689	107.20000	863.79000	122.92000	9999.00000	.67534	.32308	3.00370
7.587	-3.800	12.13700	.28622	107.07000	862.81000	123.61000	9999.00000	.67871	.32298	3.00190
7.585	-3.600	12.13800	.28634	107.12000	863.19000	124.32000	9999.00000	.67890	.32312	3.00130
7.586	-3.400	12.13700	.28658	107.17000	863.66000	125.04000	9999.00000	.67641	.32321	3.00160
7.573	-3.200	12.13900	.28599	107.15000	863.50000	125.73000	9999.00000	.67266	.32284	2.99640
7.572	-3.000	12.14400	.28610	107.18000	863.81000	126.44000	9999.00000	.67555	.32268	2.99610
7.568	-2.800	12.14500	.28610	107.23000	864.20000	127.14000	9999.00000	.67453	.32281	2.99430
7.562	-2.600	12.14800	.28611	107.28000	864.67000	127.86000	9999.00000	.67212	.32281	2.99210
7.577	-2.400	12.15200	.28693	107.35000	865.22000	128.60000	9999.00000	.67312	.32265	2.99800
7.575	-2.200	12.15400	.28710	107.41000	865.74000	129.32000	9999.00000	.67588	.32274	2.99730
7.582	-2.000	12.16000	.28743	107.43000	865.88000	130.06000	9999.00000	.67495	.32327	3.00020
7.560	-1.800	12.16400	.28634	107.37000	865.44000	130.73000	9999.00000	.67261	.32360	2.99120
7.535	-1.600	12.16800	.28517	107.31000	864.97000	131.46000	9999.00000	.67128	.32333	2.98160
7.518	-1.400	12.16900	.28439	107.28000	864.74000	132.21000	9999.00000	.67286	.32276	2.97470
7.512	-1.200	12.17400	.28390	107.21000	864.24000	132.89000	9999.00000	.66977	.32202	2.97250
7.516	-1.000	12.17400	.28408	107.23000	864.40000	133.59000	9999.00000	.66595	.32202	2.97370
7.501	-.800	12.17700	.28407	107.36000	865.50000	134.21000	9999.00000	.66496	.32156	2.96800
7.499	-.600	12.17900	.28411	107.40000	865.83000	134.70000	9999.00000	.66540	.32120	2.96700
7.497	-.400	12.18200	.28414	107.42000	866.02000	135.09000	9999.00000	.66668	.32085	2.96640
7.491	-.200	12.18600	.28438	107.54000	866.99000	135.40000	9999.00000	.66378	.32055	2.96410
7.499	.000	12.19000	.28482	107.57000	867.31000	135.64000	9999.00000	.66682	.32069	2.96730
7.501	.200	12.19400	.28458	107.49000	866.69000	135.94000	9999.00000	.66479	.32107	2.96810
7.492	.400	12.19900	.28445	107.55000	867.19000	136.24000	9999.00000	.65897	.32086	2.96440
7.481	.600	12.20000	.28404	107.55000	867.22000	136.57000	9999.00000	.65692	.32073	2.96010
7.464	.800	12.20400	.28330	107.53000	867.09000	136.87000	9999.00000	.66071	.32045	2.95330
7.478	1.000	12.20800	.28342	107.43000	866.32000	137.21000	9999.00000	.65957	.32003	2.95870
7.493	1.200	12.21100	.28355	107.32000	865.40000	137.53000	9999.00000	.65676	.31994	2.96480
7.481	1.400	12.21100	.28337	107.39000	865.98000	137.93000	9999.00000	.65508	.32025	2.96010
7.494	1.600	12.21600	.28417	107.47000	866.66000	138.37000	9999.00000	.65538	.32019	2.96510
7.504	1.800	12.22000	.28471	107.51000	867.01000	138.85000	9999.00000	.65539	.32020	2.96920
7.503	2.000	12.22100	.28469	107.52000	867.12000	139.40000	9999.00000	.65712	.32053	2.96860
7.508	2.200	12.22300	.28500	107.55000	867.37000	139.96000	9999.00000	.65541	.32075	2.97070
7.512	2.400	12.22600	.28507	107.53000	867.24000	140.53000	9999.00000	.65474	.32069	2.97230
7.539	2.600	12.23100	.28536	107.34000	865.79000	141.13000	9999.00000	.65092	.32123	2.98300
7.531	2.800	12.23700	.28545	107.44000	866.60000	141.72000	9999.00000	.64908	.32187	2.97990
7.513	3.000	12.24000	.28496	107.49000	867.04000	142.29000	9999.00000	.64529	.32162	2.97270
7.502	3.200	12.24200	.28451	107.49000	867.03000	142.91000	9999.00000	.64040	.32122	2.96830
7.497	3.400	12.24500	.28450	107.53000	867.41000	143.51000	9999.00000	.63708	.32079	2.96640
7.483	3.600	12.24600	.28407	107.56000	867.64000	144.09000	9999.00000	.63187	.32032	2.96080
7.508	3.800	12.24900	.28438	107.40000	866.39000	144.73000	9999.00000	.62800	.32030	2.97070
7.516	4.000	12.25100	.28453	107.37000	866.13000	145.34000	9999.00000	.62201	.32050	2.97370

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OA257 (LARC 20-M6-6559) DV102

(T7E166) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 12.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2276/ 0 RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.504	4.200	12.24900	.28428	107.42000	866.56000	145.99000	9999.00000	.61680	.32036	2.96920
	GRADIENT	.01875	.00011	.11786	1.10895	1.50893	.00012	-.00712	-.00016	-.00370

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OA257 (LARC 20-M6-6559) OV102

(T7E067) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 289/ O RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.237	-4.287	14.57600	.09713	117.86000	955.32000	88.13600	9999.00000	.25756	.11841	.88504
2.234	-4.100	14.58500	.09707	117.92000	955.91000	88.51800	9999.00000	.25747	.11833	.88382
2.234	-3.900	14.58400	.09709	117.92000	955.88000	88.81300	9999.00000	.25775	.11829	.88409
2.231	-3.700	14.58900	.09707	118.02000	956.74000	89.06400	9999.00000	.25753	.11824	.88280
2.230	-3.500	14.58900	.09706	118.05000	956.99000	89.34700	9999.00000	.25766	.11819	.88242
2.233	-3.300	14.58900	.09704	117.95000	956.21000	89.62800	9999.00000	.25703	.11817	.88338
2.235	-3.100	14.59200	.09702	117.84000	955.37000	89.88500	9999.00000	.25534	.11819	.88439
2.236	-2.900	14.59600	.09703	117.81000	955.18000	90.15400	9999.00000	.25451	.11820	.88482
2.237	-2.700	14.60000	.09704	117.79000	955.02000	90.44800	9999.00000	.25444	.11813	.88521
2.231	-2.500	14.60300	.09704	117.99000	956.74000	90.71500	9999.00000	.25516	.11807	.88288
2.230	-2.300	14.60700	.09705	118.03000	957.09000	91.03800	9999.00000	.25501	.11808	.88252
2.233	-2.100	14.61000	.09699	117.89000	955.94000	91.30100	9999.00000	.25482	.11808	.88367
2.239	-1.900	14.61400	.09696	117.68000	954.30000	91.54300	9999.00000	.25521	.11811	.88574
2.234	-1.700	14.61900	.09694	117.83000	955.51000	91.79100	9999.00000	.25463	.11806	.88390
2.231	-1.500	14.62100	.09698	117.98000	956.78000	92.05600	9999.00000	.25488	.11802	.88257
2.228	-1.300	14.62700	.09699	118.09000	957.75000	92.33600	9999.00000	.25410	.11800	.88137
2.225	-1.100	14.63100	.09700	118.19000	958.56000	92.50800	9999.00000	.25377	.11800	.88041
2.224	-.900	14.63600	.09697	118.23000	958.88000	92.73900	9999.00000	.25394	.11801	.87981
2.229	-.700	14.64100	.09697	118.03000	957.35000	92.89300	9999.00000	.25456	.11800	.88193
2.233	-.500	14.64500	.09696	117.88000	956.11000	93.07400	9999.00000	.25445	.11798	.88368
2.241	-.300	14.65100	.09699	117.65000	954.31000	93.17800	9999.00000	.25488	.11795	.88653
2.241	-.100	14.65500	.09696	117.61000	954.03000	93.31000	9999.00000	.25512	.11787	.88672
2.235	.100	14.66000	.09696	117.82000	955.79000	93.43400	9999.00000	.25465	.11780	.88431
2.233	.300	14.66200	.09698	117.93000	956.64000	93.55300	9999.00000	.25482	.11780	.88335
2.236	.500	14.66700	.09699	117.80000	955.64000	93.67000	9999.00000	.25473	.11783	.88486
2.239	.700	14.67100	.09699	117.70000	954.88000	93.79400	9999.00000	.25434	.11788	.88605
2.243	.900	14.67400	.09701	117.58000	953.94000	93.95500	9999.00000	.25402	.11792	.88755
2.247	1.100	14.67700	.09701	117.43000	952.79000	94.09700	9999.00000	.25369	.11797	.88920
2.248	1.300	14.68100	.09700	117.42000	952.75000	94.24000	9999.00000	.25251	.11803	.88929
2.244	1.500	14.68500	.09699	117.53000	953.68000	94.42100	9999.00000	.25231	.11796	.88798
2.240	1.700	14.68800	.09705	117.72000	955.19000	94.55200	9999.00000	.25186	.11795	.88646
2.235	1.900	14.69000	.09707	117.93000	956.93000	94.76500	9999.00000	.25192	.11796	.88430
2.231	2.100	14.69500	.09710	118.08000	958.20000	94.96900	9999.00000	.25221	.11795	.88283
2.230	2.300	14.69900	.09712	118.15000	958.77000	95.17800	9999.00000	.25171	.11798	.88229
2.233	2.500	14.70300	.09716	118.06000	958.14000	95.41500	9999.00000	.25123	.11798	.88363
2.237	2.700	14.70600	.09721	117.99000	957.54000	95.65300	9999.00000	.25123	.11797	.88502
2.239	2.900	14.71000	.09722	117.93000	957.13000	95.89500	9999.00000	.25065	.11801	.88572
2.240	3.100	14.71400	.09729	117.92000	957.11000	96.14300	9999.00000	.25040	.11806	.88643
2.245	3.300	14.71700	.09739	117.85000	956.53000	96.35400	9999.00000	.24994	.11805	.88821
2.246	3.500	14.72000	.09740	117.82000	956.29000	96.42400	9999.00000	.24977	.11806	.88869
	GRADIENT	.02114	.00001	.09286	.91428	.60414	.00000	.00011	-.00018	-.00086

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OA257 (LARC 20-M6-6559) OV102

(T7E067) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 275/0 RN/L = 7.58 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.629	-4.313	14.33100	.28772	107.06000	863.15000	137.41000	9999.00000	.71412	.32508	3.01870
7.642	-4.200	14.34000	.28850	107.14000	863.76000	138.03000	9999.00000	.71592	.32508	3.02390
7.646	-4.000	14.34100	.28838	107.08000	863.28000	138.72000	9999.00000	.71557	.32538	3.02520
7.646	-3.800	14.34100	.28809	107.00000	862.71000	139.44000	9999.00000	.71628	.32579	3.02540
7.647	-3.600	14.34600	.28850	107.09000	863.48000	140.13000	9999.00000	.71439	.32593	3.02590
7.630	-3.400	14.34600	.28815	107.17000	864.10000	140.90000	9999.00000	.71434	.32557	3.01910
7.634	-3.200	14.35000	.28858	107.24000	864.75000	141.68000	9999.00000	.71177	.32517	3.02040
7.630	-3.000	14.35500	.28871	107.31000	865.30000	142.44000	9999.00000	.70914	.32515	3.01900
7.641	-2.800	14.35700	.28916	107.32000	865.41000	143.19000	9999.00000	.70792	.32532	3.02330
7.638	-2.600	14.36100	.28932	107.39000	865.99000	143.91000	9999.00000	.70506	.32542	3.02210
7.640	-2.400	14.36200	.28948	107.41000	866.20000	144.68000	9999.00000	.70988	.32572	3.02290
7.652	-2.200	14.36700	.28980	107.38000	865.97000	145.35000	9999.00000	.71241	.32593	3.02760
7.654	-2.000	14.37200	.28972	107.34000	865.68000	146.01000	9999.00000	.70831	.32614	3.02840
7.646	-1.800	14.37700	.28958	107.39000	866.04000	146.69000	9999.00000	.70950	.32601	3.02530
7.647	-1.600	14.38200	.28985	107.44000	866.49000	147.35000	9999.00000	.70923	.32627	3.02590
7.637	-1.400	14.38600	.28937	107.42000	866.38000	147.97000	9999.00000	.70951	.32622	3.02160
7.607	-1.200	14.38800	.28772	107.29000	865.35000	148.60000	9999.00000	.70912	.32597	3.00990
7.602	-1.000	14.39000	.28756	107.30000	865.43000	149.21000	9999.00000	.70864	.32574	3.00810
7.606	-.800	14.39300	.28771	107.30000	865.45000	149.81000	9999.00000	.70831	.32555	3.00960
7.598	-.600	14.39800	.28761	107.35000	865.92000	150.37000	9999.00000	.70416	.32541	3.00630
7.598	-.400	14.40000	.28792	107.43000	866.59000	150.97000	9999.00000	.70458	.32497	3.00620
7.586	-.200	14.40400	.28780	107.51000	867.25000	151.56000	9999.00000	.70301	.32472	3.00170
7.577	.000	14.40600	.28776	107.59000	867.89000	152.05000	9999.00000	.70194	.32430	2.99820
7.551	.200	14.40800	.28656	107.54000	867.49000	152.63000	9999.00000	.70182	.32385	2.98790
7.540	.400	14.40900	.28589	107.48000	867.04000	153.19000	9999.00000	.70101	.32375	2.98340
7.522	.600	14.41100	.28508	107.44000	866.78000	153.67000	9999.00000	.70118	.32338	2.97640
7.518	.800	14.41500	.28495	107.46000	866.94000	154.19000	9999.00000	.69817	.32323	2.97450
7.535	1.000	14.42400	.28601	107.56000	867.80000	154.70000	9999.00000	.69181	.32329	2.98130
7.525	1.200	14.42600	.28576	107.59000	868.05000	155.24000	9999.00000	.69328	.32323	2.97760
7.501	1.400	14.43100	.28520	107.68000	868.83000	155.77000	9999.00000	.69165	.32371	2.96790
7.513	1.600	14.43200	.28541	107.62000	868.35000	156.30000	9999.00000	.69185	.32303	2.97270
7.509	1.800	14.43700	.28556	107.69000	868.96000	156.87000	9999.00000	.69369	.32246	2.97130
7.520	2.000	14.44200	.28617	107.75000	869.45000	157.43000	9999.00000	.69447	.32206	2.97530
7.514	2.200	14.44500	.28588	107.73000	869.32000	158.09000	9999.00000	.69495	.32200	2.97320
7.524	2.400	14.44900	.28639	107.77000	869.63000	158.76000	9999.00000	.69199	.32204	2.97700
7.530	2.600	14.45100	.28660	107.76000	869.60000	159.42000	9999.00000	.68991	.32211	2.97950
7.529	2.800	14.45600	.28650	107.75000	869.53000	160.10000	9999.00000	.68964	.32248	2.97900
7.531	3.000	14.45900	.28689	107.82000	870.15000	160.77000	9999.00000	.68958	.32251	2.98000
7.529	3.200	14.46300	.28699	107.88000	870.60000	161.41000	9999.00000	.68787	.32299	2.97890
7.529	3.400	14.46700	.28676	107.82000	870.13000	161.97000	9999.00000	.68707	.32303	2.97910
7.538	3.600	14.47000	.28676	107.73000	869.47000	162.65000	9999.00000	.68282	.32311	2.98270
7.539	3.800	14.47500	.28671	107.71000	869.36000	163.32000	9999.00000	.68068	.32332	2.98290

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OA257 (LARC 20-M6-6559) OV102

(T7E067) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AIRRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 275/0 RN/L = 7.58 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.513	4.000	14.47400	.28595	107.77000	869.83000	163.94000	9999.00000	.67588	.32335	2.97280
	GRADIENT	.01089	-.00230	.07143	.66428	2.75179	.00012	-.00308	-.00168	-.02662

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E167) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2289/ 0 RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.236	-4.200	14.58800	.09708	117.86000	955.37000	88.39100	9999.00000	.25734	.11836	.88457
2.234	-4.000	14.58600	.09709	117.92000	955.92000	88.64700	9999.00000	.25773	.11831	.88401
2.233	-3.800	14.58600	.09707	117.95000	956.13000	88.94100	9999.00000	.25765	.11827	.88354
2.229	-3.600	14.58700	.09706	118.08000	957.28000	89.20400	9999.00000	.25751	.11821	.88194
2.231	-3.400	14.58800	.09704	117.99000	956.58000	89.48800	9999.00000	.25773	.11818	.88282
2.236	-3.200	14.59200	.09707	117.85000	955.45000	89.76800	9999.00000	.25590	.11816	.88467
2.234	-3.000	14.59500	.09702	117.86000	955.57000	90.02300	9999.00000	.25482	.11820	.88413
2.238	-2.800	14.59600	.09703	117.75000	954.67000	90.29500	9999.00000	.25427	.11819	.88553
2.235	-2.600	14.60200	.09705	117.89000	955.87000	90.58300	9999.00000	.25465	.11809	.88414
2.230	-2.400	14.60500	.09705	118.04000	957.14000	90.90600	9999.00000	.25516	.11808	.88245
2.232	-2.200	14.60800	.09701	117.95000	956.46000	91.15700	9999.00000	.25488	.11809	.88305
2.235	-2.000	14.61200	.09696	117.79000	955.20000	91.40900	9999.00000	.25508	.11809	.88444
2.238	-1.800	14.61700	.09694	117.69000	954.40000	91.65600	9999.00000	.25500	.11810	.88547
2.232	-1.600	14.61900	.09697	117.91000	956.23000	91.93800	9999.00000	.25486	.11804	.88324
2.228	-1.400	14.62200	.09695	118.05000	957.35000	92.16800	9999.00000	.25457	.11801	.88159
2.227	-1.200	14.63100	.09701	118.15000	958.21000	92.42300	9999.00000	.25391	.11800	.88098
2.223	-1.000	14.63300	.09696	118.22000	958.85000	92.62300	9999.00000	.25370	.11800	.87973
2.226	-.800	14.63800	.09699	118.15000	958.31000	92.82500	9999.00000	.25441	.11800	.88082
2.232	-.600	14.64100	.09698	117.95000	956.72000	92.98500	9999.00000	.25451	.11800	.88299
2.236	-.400	14.64700	.09698	117.79000	955.43000	93.14700	9999.00000	.25452	.11796	.88483
2.243	-.200	14.65200	.09698	117.56000	953.62000	93.25700	9999.00000	.25512	.11792	.88738
2.239	.000	14.65800	.09697	117.70000	954.78000	93.35700	9999.00000	.25500	.11782	.88572
2.233	.200	14.66200	.09696	117.90000	956.45000	93.47800	9999.00000	.25463	.11779	.88339
2.234	.400	14.66300	.09697	117.88000	956.27000	93.61200	9999.00000	.25483	.11782	.88382
2.239	.600	14.66900	.09701	117.71000	954.98000	93.75300	9999.00000	.25470	.11785	.88606
2.240	.800	14.67200	.09699	117.68000	954.72000	93.89000	9999.00000	.25418	.11791	.88631
2.246	1.000	14.67500	.09700	117.47000	953.04000	94.01200	9999.00000	.25382	.11785	.88880
2.248	1.200	14.67900	.09699	117.39000	952.46000	94.15600	9999.00000	.25302	.11801	.88957
2.247	1.400	14.68200	.09699	117.45000	953.00000	94.31600	9999.00000	.25244	.11799	.88891
2.242	1.600	14.68700	.09702	117.63000	954.45000	94.47400	9999.00000	.25212	.11796	.88714
2.237	1.800	14.69000	.09706	117.83000	956.09000	94.64500	9999.00000	.25172	.11795	.88531
2.233	2.000	14.69400	.09708	118.01000	957.59000	94.86400	9999.00000	.25214	.11795	.88354
2.230	2.200	14.69700	.09710	118.13000	958.61000	95.06500	9999.00000	.25208	.11796	.88236
2.232	2.400	14.70100	.09716	118.11000	958.49000	95.28200	9999.00000	.25143	.11799	.88307
2.235	2.600	14.70500	.09718	118.02000	957.83000	95.53300	9999.00000	.25118	.11797	.88425
2.237	2.800	14.70800	.09720	117.96000	957.35000	95.76400	9999.00000	.25099	.11799	.88518
2.239	3.000	14.71300	.09725	117.94000	957.18000	96.02000	9999.00000	.25055	.11804	.88593
2.242	3.200	14.71500	.09734	117.89000	956.88000	96.29600	9999.00000	.25011	.11805	.88726
2.246	3.400	14.71900	.09740	117.83000	956.39000	96.39000	9999.00000	.24985	.11806	.88852
2.246	3.568	14.72100	.09741	117.81000	956.22000	96.44700	9999.00000	.24971	.11806	.88881
	GRADIENT	.02250	.00001	-.03571	-.12678	.61697	.00012	.00013	-.00015	.00057

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OA257 (LARC 20-M6-6559) OV102

(T7E167) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2275/0 RN/L = 7.58 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.633	-4.300	14.33400	.28788	107.07000	863.20000	137.51000	9999.00000	.71322	.32506	3.02020
7.630	-4.100	14.34100	.28809	107.15000	863.87000	138.36000	9999.00000	.71608	.32527	3.01910
7.651	-3.900	14.34100	.28832	107.02000	862.81000	139.09000	9999.00000	.71451	.32563	3.02720
7.649	-3.700	14.34200	.28829	107.02000	862.88000	139.80000	9999.00000	.71543	.32592	3.02670
7.644	-3.500	14.34600	.28860	107.15000	863.94000	140.50000	9999.00000	.71388	.32579	3.02450
7.631	-3.300	14.34800	.28824	107.18000	864.24000	141.28000	9999.00000	.71198	.32534	3.01950
7.625	-3.100	14.35200	.28844	107.29000	865.10000	142.02000	9999.00000	.71079	.32514	3.01710
7.638	-2.900	14.35700	.28891	107.29000	865.14000	142.79000	9999.00000	.70813	.32518	3.02200
7.637	-2.700	14.35900	.28919	107.36000	865.76000	143.53000	9999.00000	.70487	.32544	3.02190
7.639	-2.500	14.36000	.28945	107.41000	866.18000	144.28000	9999.00000	.70631	.32550	3.02270
7.644	-2.300	14.36500	.28965	107.41000	866.22000	145.02000	9999.00000	.71145	.32585	3.02460
7.654	-2.100	14.37100	.28976	107.35000	865.75000	145.70000	9999.00000	.71025	.32605	3.02840
7.653	-1.900	14.37300	.28978	107.37000	865.90000	146.37000	9999.00000	.70830	.32601	3.02810
7.655	-1.700	14.38000	.29002	107.41000	866.22000	147.02000	9999.00000	.71274	.32610	3.02900
7.642	-1.500	14.38400	.28967	107.45000	866.59000	147.64000	9999.00000	.70806	.32635	3.02360
7.620	-1.300	14.38700	.28854	107.37000	865.98000	148.31000	9999.00000	.70810	.32610	3.01520
7.610	-1.100	14.38800	.28762	107.24000	864.98000	148.90000	9999.00000	.70828	.32585	3.01090
7.598	-.900	14.39300	.28746	107.31000	865.57000	149.49000	9999.00000	.70817	.32565	3.00630
7.601	-.700	14.39500	.28769	107.34000	865.81000	150.11000	9999.00000	.70665	.32558	3.00770
7.598	-.500	14.39800	.28776	107.39000	866.23000	150.69000	9999.00000	.70311	.32523	3.00630
7.590	-.300	14.40200	.28777	107.47000	866.93000	151.25000	9999.00000	.70436	.32483	3.00300
7.590	-.100	14.40500	.28806	107.55000	867.54000	151.83000	9999.00000	.70206	.32452	3.00310
7.562	.100	14.40700	.28708	107.57000	867.75000	152.40000	9999.00000	.70175	.32410	2.99200
7.547	.300	14.40800	.28623	107.50000	867.20000	152.91000	9999.00000	.70133	.32366	2.98600
7.526	.500	14.41000	.28530	107.46000	866.96000	153.41000	9999.00000	.70197	.32366	2.97770
7.508	.700	14.41300	.28465	107.47000	867.04000	153.95000	9999.00000	.70029	.32323	2.97070
7.541	.900	14.41800	.28590	107.48000	867.11000	154.46000	9999.00000	.69355	.32329	2.98360
7.518	1.100	14.42200	.28547	107.58000	867.99000	154.98000	9999.00000	.69259	.32327	2.97480
7.520	1.300	14.42900	.28581	107.66000	868.62000	155.51000	9999.00000	.69213	.32340	2.97530
7.498	1.500	14.43200	.28489	107.63000	868.42000	156.02000	9999.00000	.69230	.32347	2.96690
7.510	1.700	14.43300	.28544	107.65000	868.62000	156.59000	9999.00000	.69354	.32269	2.97170
7.518	1.900	14.43900	.28598	107.72000	869.16000	157.15000	9999.00000	.69491	.32223	2.97470
7.509	2.100	14.44200	.28581	107.76000	869.55000	157.78000	9999.00000	.69615	.32204	2.97120
7.524	2.300	14.44500	.28627	107.74000	869.39000	158.44000	9999.00000	.69275	.32202	2.97690
7.521	2.500	14.44900	.28638	107.79000	869.84000	159.08000	9999.00000	.69065	.32195	2.97590
7.530	2.700	14.45200	.28642	107.71000	869.24000	159.78000	9999.00000	.68987	.32233	2.97960
7.528	2.900	14.45700	.28672	107.81000	870.05000	160.44000	9999.00000	.69145	.32250	2.97870
7.528	3.100	14.46000	.28688	107.85000	870.39000	161.08000	9999.00000	.68862	.32278	2.97870
7.529	3.300	14.46800	.28698	107.88000	870.61000	161.72000	9999.00000	.68851	.32304	2.97890
7.529	3.500	14.46600	.28652	107.76000	869.70000	162.31000	9999.00000	.68336	.32305	2.97890
7.542	3.700	14.47100	.28679	107.71000	869.29000	162.97000	9999.00000	.68095	.32318	2.98400
7.528	3.900	14.47600	.28643	107.75000	869.65000	163.60000	9999.00000	.67902	.32346	2.97860

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OA257 (LARC 20-M6-6559) OV102

(T7E167) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2275/0 RN/L = 7.58 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.495	4.043	14.47000	.28531	107.78000	869.94000	164.28000	9999.00000	.67327	.32310	2.96560
	GRADIENT	.01143	-.00256	.06571	.66713	2.73571	.00000	-.00216	-.00168	-.02930

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OA257 (LARC 20-M6-6559) DV102

(T7E068) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 288/ O RN/L = 2.28 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.274	-4.357	17.08500	.09857	117.71000	953.53000	91.75600	9999.00000	.26919	.11934	.89961
2.276	-4.200	17.09400	.09858	117.63000	952.95000	92.10300	9999.00000	.26914	.11933	.90059
2.275	-4.000	17.09300	.09858	117.67000	953.28000	92.39300	9999.00000	.26882	.11933	.90018
2.280	-3.800	17.09500	.09862	117.52000	952.09000	92.68000	9999.00000	.26848	.11933	.90233
2.280	-3.600	17.09600	.09863	117.55000	952.42000	92.98800	9999.00000	.26764	.11930	.90204
2.277	-3.400	17.09900	.09861	117.62000	953.01000	93.26700	9999.00000	.26690	.11927	.90104
2.272	-3.200	17.10200	.09866	117.83000	954.72000	93.55800	9999.00000	.26721	.11923	.89912
2.273	-3.000	17.10500	.09866	117.82000	954.69000	93.84700	9999.00000	.26700	.11925	.89921
2.273	-2.800	17.11100	.09869	117.86000	955.01000	94.08600	9999.00000	.26635	.11929	.89918
2.273	-2.600	17.11500	.09875	117.88000	955.21000	94.41000	9999.00000	.26502	.11931	.89945
2.280	-2.400	17.11400	.09869	117.61000	953.09000	94.70500	9999.00000	.26631	.11930	.90199
2.283	-2.200	17.11900	.09865	117.47000	951.96000	94.96500	9999.00000	.26580	.11922	.90326
2.278	-2.000	17.12200	.09863	117.63000	953.27000	95.28200	9999.00000	.26609	.11918	.90128
2.275	-1.800	17.12600	.09862	117.71000	954.03000	95.56900	9999.00000	.26612	.11916	.90019
2.274	-1.600	17.12900	.09861	117.74000	954.24000	95.83200	9999.00000	.26691	.11918	.89988
2.278	-1.400	17.13400	.09862	117.60000	953.20000	96.10500	9999.00000	.26641	.11915	.90150
2.279	-1.200	17.14100	.09864	117.61000	953.28000	96.33700	9999.00000	.26638	.11915	.90161
2.272	-1.000	17.14300	.09865	117.85000	955.22000	96.62100	9999.00000	.26656	.11915	.89908
2.274	-.800	17.14300	.09866	117.81000	954.93000	96.81500	9999.00000	.26681	.11915	.89967
2.275	-.600	17.15000	.09872	117.81000	954.96000	97.01700	9999.00000	.26685	.11915	.90023
2.282	-.400	17.15200	.09869	117.56000	953.01000	97.23200	9999.00000	.26750	.11917	.90280
2.283	-.200	17.15700	.09870	117.53000	952.77000	97.41100	9999.00000	.26855	.11919	.90325
2.279	.000	17.16200	.09869	117.66000	953.89000	97.55900	9999.00000	.26878	.11921	.90169
2.277	.200	17.16600	.09871	117.72000	954.42000	97.71100	9999.00000	.26855	.11922	.90113
2.273	.400	17.17300	.09866	117.85000	955.47000	97.89200	9999.00000	.26848	.11920	.89930
2.272	.600	17.17600	.09870	117.92000	956.07000	98.05900	9999.00000	.26840	.11920	.89884
2.274	.800	17.18300	.09867	117.81000	955.21000	98.25000	9999.00000	.26841	.11919	.89983
2.281	1.000	17.18500	.09871	117.61000	953.67000	98.42200	9999.00000	.26807	.11918	.90245
2.286	1.200	17.19000	.09867	117.41000	952.04000	98.59000	9999.00000	.26715	.11919	.90448
2.285	1.400	17.19300	.09868	117.43000	952.26000	98.79300	9999.00000	.26560	.11921	.90429
2.283	1.600	17.20100	.09864	117.49000	952.80000	98.98000	9999.00000	.26496	.11920	.90323
2.286	1.800	17.20400	.09867	117.39000	952.02000	99.19500	9999.00000	.26429	.11919	.90470
2.292	2.000	17.20900	.09868	117.21000	950.55000	99.42100	9999.00000	.26365	.11916	.90699
2.289	2.200	17.21400	.09869	117.34000	951.63000	99.67600	9999.00000	.26385	.11917	.90556
2.287	2.400	17.22000	.09863	117.34000	951.69000	99.93400	9999.00000	.26355	.11919	.90500
2.284	2.600	17.22400	.09863	117.44000	952.52000	100.15000	9999.00000	.26317	.11921	.90390
2.287	2.800	17.22900	.09864	117.36000	951.95000	100.40000	9999.00000	.26188	.11921	.90483
2.292	3.000	17.23600	.09866	117.21000	950.76000	100.67000	9999.00000	.26131	.11919	.90682
2.292	3.200	17.24000	.09866	117.20000	950.69000	100.96000	9999.00000	.26121	.11917	.90692
2.289	3.400	17.24300	.09867	117.34000	951.82000	101.20000	9999.00000	.26142	.11914	.90552
2.283	3.600	17.24900	.09864	117.51000	953.29000	101.42000	9999.00000	.26072	.11912	.90318
2.280	3.736	17.25700	.09856	117.53000	953.42000	101.56000	9999.00000	.26048	.11913	.90232
GRADIENT	.02304	-.00002	.19643	1.76787	.84750	.00012	.00118	.00004	-.00237	

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102

(T7E068) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 270/0 RN/L = 7.57 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.586	-4.359	16.79800	.28381	106.50000	858.64000	149.87000	.00000	.72535	.32003	3.00150
7.600	-4.200	16.80700	.28420	106.47000	858.41000	150.63000	.00000	.73065	.31988	3.00720
7.611	-4.000	16.80600	.28480	106.51000	858.82000	151.37000	.00000	.73242	.32015	3.01160
7.591	-3.800	16.80800	.28420	106.56000	859.22000	152.08000	.00000	.72725	.32054	3.00350
7.593	-3.600	16.81300	.28433	106.57000	859.36000	152.86000	.00000	.72545	.32044	3.00430
7.610	-3.400	16.81500	.28513	106.61000	859.72000	153.61000	.00000	.72595	.32055	3.01120
7.605	-3.200	16.81700	.28493	106.61000	859.75000	154.37000	.00000	.71934	.32071	3.00930
7.604	-3.000	16.82100	.28467	106.56000	859.38000	155.15000	.00000	.72196	.32056	3.00870
7.611	-2.800	16.82200	.28399	106.32000	857.53000	155.93000	.00000	.71965	.32048	3.01150
7.617	-2.600	16.82900	.28441	106.37000	857.96000	156.68000	.00000	.71807	.32088	3.01400
7.592	-2.400	16.83400	.28419	106.56000	859.49000	157.37000	.00000	.71911	.32080	3.00390
7.596	-2.200	16.83800	.28445	106.58000	859.75000	158.03000	.00000	.71935	.32041	3.00560
7.578	-2.000	16.84100	.28390	106.61000	860.04000	158.66000	.00000	.71608	.32019	2.99850
7.583	-1.800	16.84600	.28402	106.60000	859.98000	159.25000	.00000	.71937	.31982	3.00040
7.566	-1.600	16.84800	.28303	106.52000	859.34000	159.88000	.00000	.71971	.31950	2.99350
7.571	-1.400	16.85000	.28278	106.41000	858.52000	160.42000	.00000	.71970	.31933	2.99550
7.575	-1.200	16.85900	.28314	106.46000	858.94000	160.98000	.00000	.71855	.31907	2.99740
7.573	-1.000	16.86300	.28288	106.42000	858.64000	161.52000	.00000	.71831	.31921	2.99640
7.579	-.800	16.86700	.28273	106.33000	857.98000	162.09000	.00000	.71648	.31927	2.99870
7.567	-.600	16.87300	.28273	106.44000	858.91000	162.63000	.00000	.71211	.31921	2.99400
7.567	-.400	16.87900	.28304	106.52000	859.61000	163.19000	.00000	.71198	.31907	2.99400
7.574	-.200	16.88300	.28301	106.45000	859.04000	163.72000	.00000	.71855	.31925	2.99680
7.578	.000	16.88800	.28270	106.33000	858.13000	164.30000	.00000	.71746	.31947	2.99860
7.567	.200	16.89400	.28257	106.41000	858.81000	164.85000	.00000	.71730	.31935	2.99400
7.573	.400	16.89800	.28253	106.34000	858.33000	165.43000	.00000	.71869	.31922	2.99630
7.558	.600	16.89800	.28204	106.36000	858.50000	165.96000	.00000	.71797	.31971	2.99060
7.552	.800	16.90200	.28213	106.45000	859.23000	166.47000	.00000	.71458	.31931	2.98800
7.538	1.000	16.90500	.28185	106.51000	859.75000	166.99000	.00000	.71027	.31861	2.98260
7.536	1.200	16.90700	.28183	106.52000	859.91000	167.53000	.00000	.71130	.31810	2.98190
7.555	1.400	16.91100	.28210	106.42000	859.10000	168.08000	.00000	.70401	.31769	2.98920
7.543	1.600	16.91800	.28202	106.51000	859.86000	168.57000	.00000	.70558	.31774	2.98460
7.544	1.800	16.92000	.28192	106.47000	859.65000	169.10000	.00000	.70301	.31769	2.98500
7.533	2.000	16.92400	.28158	106.50000	859.87000	169.67000	.00000	.70344	.31787	2.98060
7.545	2.200	16.92800	.28184	106.45000	859.57000	170.23000	.00000	.69813	.31776	2.98520
7.551	2.400	16.93200	.28198	106.43000	859.41000	170.81000	.00000	.69890	.31742	2.98770
7.550	2.600	16.93600	.28205	106.46000	859.68000	171.43000	.00000	.69997	.31754	2.98740
7.533	2.800	16.93900	.28156	106.49000	860.01000	172.07000	.00000	.69909	.31761	2.98070
7.534	3.000	16.94200	.28142	106.45000	859.69000	172.72000	.00000	.69919	.31732	2.98120
7.533	3.200	16.94900	.28135	106.45000	859.72000	173.36000	.00000	.69672	.31735	2.98070
7.531	3.400	16.95100	.28143	106.49000	860.08000	173.98000	.00000	.69362	.31735	2.97980
7.537	3.600	16.95900	.28155	106.46000	859.91000	174.59000	.00000	.69462	.31728	2.98240
7.541	3.800	16.96300	.28181	106.50000	860.22000	175.07000	.00000	.69160	.31722	2.98370

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E068) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 17.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 270/ 0 RN/L = 7.57 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.544	3.976	16.96100	.28163	106.43000	859.71000	175.81000	.00000	.69374	.31718	2.98480
	GRADIENT	.02214	-.00063	-.11428	-.71785	2.78572	.00000	.00531	.00034	-.00150

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OA257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 908

OA257 (LARC 20-M6-6559) DV102

(T7E168) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	17.500	PHI	=	.000
SPDBRK	=	.000	AIRRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2288/ O RN/L = 2.28 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.276	-4.300	17.08900	.09857	117.64000	952.99000	91.93600	9999.00000	.26938	.11933	.90042
2.274	-4.100	17.09200	.09856	117.70000	953.54000	92.26100	9999.00000	.26885	.11934	.89964
2.279	-3.900	17.09300	.09860	117.56000	952.41000	92.53900	9999.00000	.26873	.11933	.90165
2.280	-3.700	17.09700	.09863	117.54000	952.26000	92.84700	9999.00000	.26816	.11925	.90222
2.280	-3.500	17.09600	.09863	117.53000	952.24000	93.12900	9999.00000	.26704	.11928	.90228
2.274	-3.300	17.10200	.09863	117.76000	954.15000	93.43100	9999.00000	.26696	.11925	.89965
2.272	-3.100	17.10400	.09865	117.85000	954.88000	93.71900	9999.00000	.26711	.11923	.89889
2.273	-2.900	17.10800	.09867	117.82000	954.69000	93.95500	9999.00000	.26687	.11927	.89937
2.272	-2.700	17.10700	.09872	117.90000	955.36000	94.24600	9999.00000	.26630	.11929	.89895
2.275	-2.500	17.11500	.09870	117.76000	954.31000	94.56900	9999.00000	.26613	.11931	.90031
2.283	-2.300	17.11800	.09867	117.47000	951.96000	94.84100	9999.00000	.26624	.11928	.90347
2.280	-2.100	17.11900	.09864	117.55000	952.63000	95.14100	9999.00000	.26593	.11919	.90226
2.276	-1.900	17.12300	.09862	117.67000	953.67000	95.41100	9999.00000	.26600	.11916	.90071
2.275	-1.700	17.12700	.09862	117.73000	954.14000	95.71700	9999.00000	.26656	.11917	.90010
2.274	-1.500	17.13200	.09861	117.73000	954.20000	95.97200	9999.00000	.26676	.11917	.89992
2.281	-1.300	17.13600	.09864	117.53000	952.58000	96.23000	9999.00000	.26610	.11914	.90261
2.275	-1.100	17.14100	.09865	117.74000	954.37000	96.48500	9999.00000	.26659	.11916	.90024
2.273	-.900	17.14600	.09871	117.86000	955.37000	96.73000	9999.00000	.26665	.11915	.89939
2.276	-.700	17.14900	.09872	117.79000	954.80000	96.93600	9999.00000	.26679	.11915	.90037
2.277	-.500	17.15100	.09871	117.75000	954.53000	97.09400	9999.00000	.26709	.11915	.90076
2.285	-.300	17.15500	.09870	117.46000	952.25000	97.29300	9999.00000	.26791	.11919	.90397
2.280	-.100	17.15900	.09870	117.62000	953.56000	97.48600	9999.00000	.26876	.11921	.90214
2.279	.100	17.16600	.09874	117.70000	954.19000	97.64400	9999.00000	.26873	.11922	.90171
2.275	.300	17.17000	.09868	117.77000	954.86000	97.80700	9999.00000	.26844	.11921	.90027
2.272	.500	17.17700	.09868	117.89000	955.86000	97.98000	9999.00000	.26847	.11920	.89895
2.273	.700	17.18000	.09868	117.87000	955.70000	98.16500	9999.00000	.26863	.11920	.89925
2.276	.900	17.18400	.09868	117.76000	954.81000	98.32400	9999.00000	.26822	.11919	.90056
2.284	1.100	17.18800	.09865	117.45000	952.39000	98.52900	9999.00000	.26777	.11918	.90378
2.286	1.300	17.19200	.09869	117.41000	952.07000	98.69500	9999.00000	.26632	.11919	.90463
2.284	1.500	17.19600	.09867	117.46000	952.54000	98.89700	9999.00000	.26512	.11920	.90385
2.284	1.700	17.20300	.09864	117.46000	952.54000	99.06300	9999.00000	.26470	.11920	.90365
2.291	1.900	17.20800	.09869	117.26000	950.95000	99.30500	9999.00000	.26381	.11915	.90640
2.291	2.100	17.21400	.09871	117.27000	951.10000	99.53400	9999.00000	.26385	.11916	.90643
2.288	2.300	17.21700	.09866	117.34000	951.64000	99.80000	9999.00000	.26363	.11919	.90536
2.285	2.500	17.22300	.09864	117.42000	952.39000	100.02000	9999.00000	.26354	.11921	.90410
2.286	2.700	17.22800	.09864	117.40000	952.22000	100.28000	9999.00000	.26256	.11921	.90442
2.289	2.900	17.23300	.09863	117.28000	951.30000	100.55000	9999.00000	.26153	.11920	.90575
2.293	3.100	17.23800	.09867	117.19000	950.59000	100.80000	9999.00000	.26107	.11919	.90713
2.291	3.300	17.24200	.09869	117.25000	951.14000	101.07000	9999.00000	.26148	.11915	.90663
2.285	3.500	17.24600	.09866	117.46000	952.85000	101.34000	9999.00000	.26108	.11912	.90396
2.281	3.700	17.25500	.09858	117.52000	953.39000	101.52000	9999.00000	.26055	.11912	.90255
	GRADIENT	.02600	-.00002	.24429	2.15858	.87571	.00000	.00121	.00005	-.00294

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E168) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

ALPHA	=	17.500	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2270/ O RN/L = 7.57 GRADIENT INTERVAL = -.60/ -.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.591	-4.300	16.80600	.28403	106.51000	858.72000	150.27000	.00000	.72852	.31990	3.00350
7.611	-4.100	16.80700	.28473	106.50000	858.68000	151.01000	.00000	.73382	.31999	3.01150
7.595	-3.900	16.80700	.28429	106.54000	859.07000	151.74000	.00000	.72721	.32034	3.00510
7.591	-3.700	16.81200	.28424	106.56000	859.28000	152.47000	.00000	.72752	.32056	3.00370
7.606	-3.500	16.81400	.28485	106.58000	859.48000	153.23000	.00000	.72396	.32043	3.00940
7.607	-3.300	16.81700	.28504	106.62000	859.82000	153.98000	.00000	.72249	.32065	3.00990
7.599	-3.100	16.81700	.28460	106.58000	859.57000	154.77000	.00000	.71989	.32069	3.00690
7.606	-2.900	16.82100	.28435	106.46000	858.58000	155.52000	.00000	.72296	.32050	3.00970
7.619	-2.700	16.82500	.28409	106.27000	857.15000	156.30000	.00000	.71840	.32071	3.01480
7.611	-2.500	16.83000	.28460	106.48000	858.85000	157.03000	.00000	.71706	.32084	3.01140
7.585	-2.300	16.83200	.28400	106.58000	859.71000	157.71000	.00000	.72059	.32066	3.00100
7.590	-2.100	16.84000	.28430	106.60000	859.92000	158.33000	.00000	.71632	.32025	3.00320
7.579	-1.900	16.84400	.28388	106.61000	859.99000	158.95000	.00000	.71793	.32008	2.99880
7.569	-1.700	16.84600	.28339	106.57000	859.77000	159.58000	.00000	.71913	.31963	2.99500
7.575	-1.500	16.85000	.28305	106.44000	858.70000	160.13000	.00000	.72109	.31933	2.99720
7.573	-1.300	16.85500	.28296	106.43000	858.72000	160.71000	.00000	.71631	.31916	2.99650
7.575	-1.100	16.85900	.28316	106.46000	859.00000	161.25000	.00000	.71951	.31908	2.99740
7.576	-.900	16.86700	.28265	106.34000	858.00000	161.79000	.00000	.71537	.31928	2.99750
7.569	-.700	16.86800	.28263	106.39000	858.49000	162.37000	.00000	.71541	.31927	2.99500
7.571	-.500	16.87700	.28307	106.49000	859.35000	162.90000	.00000	.71226	.31908	2.99550
7.570	-.300	16.87900	.28305	106.49000	859.37000	163.44000	.00000	.71568	.31909	2.99540
7.582	-.100	16.88700	.28286	106.34000	858.20000	164.00000	.00000	.71788	.31932	2.99990
7.572	.100	16.89200	.28263	106.37000	858.48000	164.60000	.00000	.72013	.31952	2.99620
7.560	.300	16.89300	.28227	106.40000	858.76000	165.15000	.00000	.71731	.31912	2.99120
7.573	.500	16.89700	.28252	106.35000	858.36000	165.69000	.00000	.72075	.31939	2.99630
7.561	.700	16.89900	.28225	106.39000	858.74000	166.19000	.00000	.71723	.31956	2.99170
7.538	.900	16.90300	.28178	106.49000	859.56000	166.76000	.00000	.71231	.31897	2.98270
7.538	1.100	16.90500	.28192	106.52000	859.90000	167.28000	.00000	.71078	.31830	2.98270
7.548	1.300	16.90900	.28197	106.44000	859.29000	167.81000	.00000	.70750	.31780	2.98670
7.549	1.500	16.91600	.28212	106.48000	859.61000	168.34000	.00000	.70463	.31773	2.98690
7.540	1.700	16.92100	.28193	106.51000	859.94000	168.86000	.00000	.70418	.31776	2.98340
7.542	1.900	16.92200	.28187	106.48000	859.71000	169.40000	.00000	.70312	.31779	2.98430
7.537	2.100	16.92600	.28171	106.49000	859.86000	169.95000	.00000	.70107	.31787	2.98220
7.545	2.300	16.92900	.28177	106.43000	859.39000	170.53000	.00000	.69873	.31761	2.98560
7.547	2.500	16.93400	.28187	106.44000	859.54000	171.11000	.00000	.69940	.31743	2.98610
7.543	2.700	16.93500	.28188	106.49000	859.92000	171.75000	.00000	.69969	.31762	2.98450
7.535	2.900	16.94100	.28161	106.49000	860.03000	172.40000	.00000	.69939	.31740	2.98140
7.535	3.100	16.94700	.28137	106.43000	859.58000	173.03000	.00000	.69855	.31734	2.98150
7.533	3.300	16.95000	.28145	106.48000	859.96000	173.65000	.00000	.69589	.31732	2.98060
7.530	3.500	16.95600	.28131	106.47000	859.96000	174.28000	.00000	.69465	.31730	2.97930
7.544	3.700	16.96100	.28185	106.48000	860.07000	174.86000	.00000	.69286	.31720	2.98480
7.531	3.900	16.96400	.28143	106.49000	860.23000	175.50000	.00000	.69328	.31720	2.97980
	GRADIENT	.02100	-.00076	-.13429	-.92856	2.81143	.00000	.00708	.00026	-.00176

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E069) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SO.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 284/0 RN/L = 2.26 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.262	-4.354	19.48800	.09775	117.40000	950.14000	95.08400	9999.00000	.27927	.11908	.89508
2.260	-4.200	19.49300	.09777	117.51000	950.97000	95.31000	9999.00000	.27897	.11907	.89411
2.261	-4.000	19.49100	.09782	117.50000	950.96000	95.62100	9999.00000	.27892	.11909	.89460
2.267	-3.800	19.49400	.09784	117.30000	949.38000	95.86700	9999.00000	.27973	.11913	.89709
2.269	-3.600	19.49800	.09789	117.30000	949.35000	96.14800	9999.00000	.27874	.11915	.89762
2.267	-3.400	19.50300	.09786	117.33000	949.66000	96.39600	9999.00000	.27818	.11917	.89694
2.266	-3.200	19.50800	.09787	117.37000	949.96000	96.67900	9999.00000	.27731	.11915	.89669
2.265	-3.000	19.51200	.09791	117.44000	950.54000	96.98600	9999.00000	.27633	.11918	.89622
2.267	-2.800	19.51500	.09792	117.39000	950.18000	97.27100	9999.00000	.27576	.11919	.89686
2.263	-2.600	19.51500	.09791	117.52000	951.24000	97.56000	9999.00000	.27711	.11918	.89536
2.260	-2.400	19.51600	.09792	117.63000	952.13000	97.81600	9999.00000	.27656	.11920	.89420
2.261	-2.200	19.52100	.09788	117.55000	951.54000	98.07500	9999.00000	.27661	.11919	.89472
2.261	-2.000	19.53500	.09793	117.59000	951.91000	98.37700	9999.00000	.27610	.11919	.89467
2.264	-1.800	19.54000	.09797	117.54000	951.50000	98.65500	9999.00000	.27605	.11915	.89564
2.270	-1.600	19.54100	.09799	117.32000	949.76000	98.93500	9999.00000	.27568	.11912	.89832
2.268	-1.400	19.54300	.09799	117.42000	950.59000	99.19000	9999.00000	.27510	.11909	.89725
2.262	-1.200	19.54500	.09796	117.60000	952.02000	99.43500	9999.00000	.27440	.11913	.89495
2.258	-1.000	19.55600	.09791	117.69000	952.75000	99.66500	9999.00000	.27454	.11913	.89349
2.264	-.800	19.56300	.09793	117.49000	951.19000	99.86900	9999.00000	.27450	.11910	.89593
2.265	-.600	19.56700	.09794	117.47000	951.08000	100.12000	9999.00000	.27365	.11908	.89621
2.267	-.400	19.57100	.09795	117.42000	950.65000	100.35000	9999.00000	.27376	.11904	.89699
2.270	-.200	19.57200	.09799	117.35000	950.07000	100.53000	9999.00000	.27419	.11904	.89822
2.269	.000	19.58100	.09800	117.38000	950.36000	100.72000	9999.00000	.27443	.11911	.89785
2.265	.200	19.58700	.09796	117.50000	951.33000	100.91000	9999.00000	.27434	.11914	.89616
2.264	.400	19.59300	.09795	117.53000	951.62000	101.09000	9999.00000	.27368	.11914	.89573
2.266	.600	19.59700	.09798	117.48000	951.28000	101.27000	9999.00000	.27395	.11913	.89653
2.261	.800	19.60100	.09798	117.66000	952.76000	101.48000	9999.00000	.27459	.11910	.89445
2.260	1.000	19.60400	.09800	117.70000	953.07000	101.67000	9999.00000	.27496	.11912	.89423
2.261	1.200	19.61000	.09801	117.69000	953.04000	101.86000	9999.00000	.27561	.11912	.89445
2.260	1.400	19.61500	.09799	117.68000	952.93000	102.05000	9999.00000	.27562	.11914	.89440
2.261	1.600	19.62200	.09794	117.64000	952.66000	102.28000	9999.00000	.27474	.11913	.89445
2.258	1.800	19.62600	.09796	117.73000	953.39000	102.50000	9999.00000	.27452	.11912	.89360
2.259	2.000	19.62900	.09797	117.72000	953.36000	102.75000	9999.00000	.27367	.11908	.89377
2.257	2.200	19.63400	.09798	117.81000	954.07000	102.97000	9999.00000	.27321	.11911	.89294
2.254	2.400	19.63800	.09795	117.87000	954.59000	103.21000	9999.00000	.27309	.11912	.89195
2.251	2.600	19.64700	.09792	117.95000	955.24000	103.43000	9999.00000	.27248	.11910	.89083
2.251	2.800	19.65400	.09791	117.95000	955.26000	103.70000	9999.00000	.27169	.11908	.89071
2.253	3.000	19.65600	.09791	117.87000	954.68000	103.98000	9999.00000	.27097	.11905	.89157
2.253	3.200	19.65800	.09789	117.87000	954.63000	104.28000	9999.00000	.27018	.11902	.89149
2.252	3.400	19.66100	.09792	117.93000	955.14000	104.54000	9999.00000	.27005	.11903	.89113
2.254	3.600	19.66900	.09788	117.85000	954.54000	104.79000	9999.00000	.26910	.11903	.89167
2.261	3.800	19.67500	.09790	117.61000	952.65000	105.03000	9999.00000	.26840	.11902	.89449
	GRADIENT	.02661	.00001	.07143	.67858	.94822	.00012	.00016	.00008	-.00065

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PAGE 911

OA257 (LARC 20-M6-6559) OV102

(T7E069) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 269/ O RN/L = 7.62 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.644	-4.510	19.23800	.28614	106.58000	860.27000	158.12000	9999.00000	.76833	.32298	3.02460
7.636	-4.400	19.24500	.28588	106.59000	860.38000	158.78000	9999.00000	.76650	.32312	3.02140
7.625	-4.200	19.24600	.28545	106.59000	860.39000	159.63000	9999.00000	.75896	.32291	3.01700
7.636	-4.000	19.24500	.28541	106.48000	859.51000	160.42000	9999.00000	.75495	.32265	3.02140
7.641	-3.800	19.24900	.28554	106.47000	859.44000	161.23000	9999.00000	.74863	.32295	3.02340
7.611	-3.600	19.25100	.28461	106.52000	859.88000	162.02000	9999.00000	.74886	.32314	3.01140
7.620	-3.400	19.25300	.28516	106.57000	860.33000	162.81000	9999.00000	.75130	.32262	3.01510
7.607	-3.200	19.25800	.28432	106.48000	859.65000	163.61000	9999.00000	.74736	.32220	3.00990
7.610	-3.000	19.26400	.28460	106.53000	860.05000	164.40000	9999.00000	.74306	.32174	3.01100
7.605	-2.800	19.27200	.28461	106.57000	860.46000	165.18000	9999.00000	.74719	.32156	3.00920
7.603	-2.600	19.27700	.28456	106.58000	860.56000	165.94000	9999.00000	.74437	.32143	3.00830
7.604	-2.400	19.28400	.28485	106.65000	861.14000	166.66000	9999.00000	.74509	.32127	3.00860
7.610	-2.200	19.28800	.28484	106.60000	860.72000	167.34000	9999.00000	.74824	.32130	3.01090
7.631	-2.000	19.29600	.28513	106.47000	859.76000	168.02000	9999.00000	.74456	.32177	3.01920
7.629	-1.800	19.29800	.28498	106.45000	859.62000	168.68000	9999.00000	.74661	.32189	3.01860
7.628	-1.600	19.30700	.28513	106.50000	860.01000	169.34000	9999.00000	.74715	.32207	3.01840
7.648	-1.400	19.31300	.28619	106.57000	860.66000	170.01000	9999.00000	.74654	.32197	3.02630
7.628	-1.200	19.31600	.28574	106.65000	861.30000	170.64000	9999.00000	.74721	.32241	3.01840
7.609	-1.000	19.31800	.28494	106.64000	861.21000	171.25000	9999.00000	.74426	.32229	3.01060
7.612	-.800	19.32300	.28508	106.64000	861.29000	171.88000	9999.00000	.74291	.32221	3.01190
7.633	-.600	19.32800	.28586	106.64000	861.29000	172.52000	9999.00000	.74552	.32208	3.02030
7.626	-.400	19.33300	.28536	106.58000	860.87000	173.15000	9999.00000	.74658	.32201	3.01750
7.617	-.200	19.33300	.28503	106.59000	860.91000	173.77000	9999.00000	.75002	.32204	3.01400
7.620	.000	19.33600	.28447	106.42000	859.62000	174.37000	9999.00000	.74418	.32178	3.01500
7.613	.200	19.34200	.28415	106.41000	859.54000	174.97000	9999.00000	.74634	.32149	3.01220
7.623	.400	19.34700	.28488	106.49000	860.26000	175.59000	9999.00000	.74315	.32169	3.01640
7.614	.600	19.35400	.28499	106.61000	861.23000	176.22000	9999.00000	.74707	.32166	3.01270
7.605	.800	19.35200	.28421	106.50000	860.35000	176.80000	9999.00000	.74874	.32158	3.00920
7.600	1.000	19.35700	.28370	106.42000	859.76000	177.38000	9999.00000	.74031	.32126	3.00710
7.605	1.200	19.36300	.28427	106.52000	860.55000	177.93000	9999.00000	.73976	.32081	3.00930
7.610	1.400	19.36500	.28472	106.59000	861.17000	178.50000	9999.00000	.73897	.32088	3.01090
7.611	1.600	19.37200	.28486	106.61000	861.39000	179.04000	9999.00000	.73403	.32108	3.01150
7.621	1.800	19.38000	.28533	106.64000	861.64000	179.58000	9999.00000	.73294	.32140	3.01530
7.614	2.000	19.38100	.28485	106.59000	861.23000	180.19000	9999.00000	.73452	.32158	3.01270
7.627	2.200	19.38700	.28512	106.53000	860.79000	180.78000	9999.00000	.73499	.32154	3.01800
7.625	2.400	19.39200	.28481	106.48000	860.41000	181.39000	9999.00000	.73652	.32152	3.01700
7.634	2.600	19.39900	.28515	106.48000	860.45000	182.01000	9999.00000	.73713	.32168	3.02050
7.647	2.800	19.40900	.28538	106.42000	860.00000	182.64000	9999.00000	.73222	.32176	3.02560
7.633	3.000	19.41300	.28516	106.49000	860.61000	183.26000	9999.00000	.73594	.32198	3.02030
7.631	3.200	19.41900	.28522	106.53000	860.96000	183.86000	9999.00000	.73835	.32215	3.01920
7.649	3.400	19.42700	.28576	106.50000	860.70000	184.46000	9999.00000	.73806	.32215	3.02660
7.646	3.600	19.42800	.28527	106.40000	859.99000	185.00000	9999.00000	.73298	.32222	3.02520

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OA257 (LARC 20-M6-6559) OV102

(T7E069) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 269/0 RN/L = 7.62 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.643	3.800	19.43300	.28470	106.29000	859.12000	185.59000	9999.00000	.72824	.32211	3.02410
7.663	3.915	19.42900	.28551	106.31000	859.31000	186.13000	9999.00000	.72555	.32158	3.03190
GRADIENT		.02054	-.00079	-.08036	-.49464	3.06786	.00012	-.00105	-.00044	-.00479

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102

(T7E169) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	20.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2284/ 0 RN/L = 2.26 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.261	-4.300	19.49300	.09777	117.44000	950.47000	95.16300	9999.00000	.27933	.11908	.89481
2.260	-4.100	19.49100	.09782	117.54000	951.22000	95.44300	9999.00000	.27876	.11907	.89419
2.264	-3.900	19.49000	.09781	117.39000	950.06000	95.74000	9999.00000	.27955	.11912	.89587
2.270	-3.700	19.49500	.09787	117.25000	948.94000	96.01200	9999.00000	.27910	.11914	.89800
2.268	-3.500	19.49900	.09787	117.32000	949.50000	96.25400	9999.00000	.27847	.11915	.89725
2.267	-3.300	19.50500	.09787	117.35000	949.78000	96.54300	9999.00000	.27771	.11916	.89687
2.265	-3.100	19.50900	.09790	117.41000	950.34000	96.82800	9999.00000	.27693	.11918	.89639
2.266	-2.900	19.51400	.09792	117.41000	950.33000	97.12900	9999.00000	.27578	.11919	.89664
2.265	-2.700	19.51500	.09792	117.46000	950.77000	97.42600	9999.00000	.27659	.11919	.89603
2.261	-2.500	19.51400	.09792	117.59000	951.79000	97.69100	9999.00000	.27690	.11919	.89471
2.260	-2.300	19.51900	.09791	117.62000	952.10000	97.95500	9999.00000	.27640	.11920	.89413
2.261	-2.100	19.53000	.09789	117.56000	951.64000	98.26000	9999.00000	.27667	.11919	.89469
2.261	-1.900	19.53700	.09796	117.61000	952.04000	98.52200	9999.00000	.27571	.11917	.89476
2.268	-1.700	19.53900	.09798	117.41000	950.44000	98.80900	9999.00000	.27601	.11914	.89726
2.270	-1.500	19.54100	.09799	117.35000	949.95000	99.07000	9999.00000	.27537	.11908	.89808
2.264	-1.300	19.54500	.09798	117.53000	951.43000	99.30700	9999.00000	.27462	.11911	.89594
2.259	-1.100	19.54900	.09792	117.66000	952.52000	99.52700	9999.00000	.27448	.11914	.89387
2.261	-.900	19.56100	.09792	117.62000	952.19000	99.76600	9999.00000	.27443	.11911	.89446
2.264	-.700	19.56700	.09791	117.48000	951.08000	99.99600	9999.00000	.27420	.11909	.89594
2.266	-.500	19.56900	.09797	117.45000	950.91000	100.25000	9999.00000	.27361	.11906	.89679
2.270	-.300	19.57200	.09800	117.34000	950.04000	100.43000	9999.00000	.27396	.11903	.89832
2.269	-.100	19.57600	.09801	117.38000	950.36000	100.64000	9999.00000	.27443	.11907	.89794
2.267	.100	19.58400	.09794	117.43000	950.76000	100.81000	9999.00000	.27439	.11913	.89683
2.263	.300	19.59000	.09794	117.56000	951.84000	100.97000	9999.00000	.27396	.11914	.89535
2.266	.500	19.59500	.09796	117.47000	951.15000	101.18000	9999.00000	.27381	.11914	.89653
2.263	.700	19.59800	.09797	117.59000	952.14000	101.41000	9999.00000	.27431	.11911	.89527
2.260	.900	19.60200	.09799	117.69000	952.98000	101.57000	9999.00000	.27463	.11911	.89425
2.260	1.100	19.60700	.09801	117.70000	953.06000	101.78000	9999.00000	.27559	.11912	.89441
2.260	1.300	19.61200	.09799	117.69000	953.05000	101.96000	9999.00000	.27551	.11913	.89424
2.261	1.500	19.62000	.09797	117.66000	952.82000	102.15000	9999.00000	.27547	.11913	.89445
2.259	1.700	19.62300	.09793	117.70000	953.11000	102.40000	9999.00000	.27466	.11912	.89375
2.260	1.900	19.62800	.09798	117.71000	953.21000	102.63000	9999.00000	.27418	.11911	.89410
2.259	2.100	19.63200	.09799	117.75000	953.61000	102.85000	9999.00000	.27349	.11911	.89368
2.255	2.300	19.63600	.09796	117.84000	954.37000	103.09000	9999.00000	.27324	.11912	.89235
2.253	2.500	19.64000	.09794	117.92000	955.02000	103.33000	9999.00000	.27282	.11911	.89131
2.251	2.700	19.65000	.09791	117.96000	955.33000	103.56000	9999.00000	.27208	.11909	.89063
2.252	2.900	19.65400	.09791	117.91000	954.94000	103.84000	9999.00000	.27113	.11908	.89117
2.254	3.100	19.65700	.09790	117.85000	954.47000	104.14000	9999.00000	.27046	.11905	.89176
2.252	3.300	19.65900	.09789	117.90000	954.93000	104.36000	9999.00000	.27026	.11902	.89113
2.252	3.500	19.66600	.09790	117.91000	955.05000	104.64000	9999.00000	.26973	.11903	.89111
2.255	3.700	19.67100	.09789	117.79000	954.05000	104.91000	9999.00000	.26879	.11904	.89240
2.263	3.827	19.67100	.09790	117.55000	952.11000	105.14000	9999.00000	.26809	.11900	.89529
	GRADIENT	.02743	-.00004	.11571	1.00000	.92000	.00000	.00014	.00011	-.00162

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OA257 (LARC 20-M6-6559) DV102

(T7E169) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	20.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2269/0 RN/L = 7.62 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.642	-4.500	19.23900	.28607	106.59000	860.30000	158.20000	9999.00000	.76863	.32299	3.02370
7.633	-4.300	19.24600	.28576	106.59000	860.41000	159.22000	9999.00000	.76191	.32303	3.02020
7.622	-4.100	19.24400	.28516	106.55000	860.04000	160.00000	9999.00000	.75874	.32278	3.01590
7.645	-3.900	19.24800	.28576	106.49000	859.58000	160.81000	9999.00000	.75008	.32268	3.02480
7.620	-3.700	19.25000	.28486	106.49000	859.67000	161.61000	9999.00000	.74615	.32320	3.01500
7.617	-3.500	19.25300	.28499	106.55000	860.18000	162.41000	9999.00000	.75109	.32289	3.01400
7.609	-3.300	19.25700	.28465	106.55000	860.17000	163.20000	9999.00000	.74963	.32246	3.01060
7.616	-3.100	19.26000	.28459	106.47000	859.57000	164.04000	9999.00000	.74526	.32186	3.01330
7.604	-2.900	19.26700	.28456	106.57000	860.41000	164.80000	9999.00000	.74509	.32162	3.00890
7.608	-2.700	19.27300	.28468	106.56000	860.39000	165.55000	9999.00000	.74682	.32157	3.01040
7.601	-2.500	19.27900	.28460	106.62000	860.85000	166.30000	9999.00000	.74432	.32137	3.00740
7.603	-2.300	19.28800	.28486	106.66000	861.25000	167.01000	9999.00000	.74597	.32129	3.00820
7.626	-2.100	19.29100	.28507	106.50000	859.92000	167.67000	9999.00000	.74632	.32146	3.01760
7.629	-1.900	19.29700	.28512	106.49000	859.89000	168.36000	9999.00000	.74603	.32184	3.01850
7.625	-1.700	19.30300	.28485	106.46000	859.65000	169.00000	9999.00000	.74495	.32200	3.01720
7.633	-1.500	19.30700	.28536	106.51000	860.15000	169.67000	9999.00000	.74894	.32202	3.02010
7.647	-1.300	19.31500	.28632	106.62000	861.05000	170.32000	9999.00000	.74535	.32216	3.02570
7.612	-1.100	19.31700	.28514	106.65000	861.34000	170.95000	9999.00000	.74645	.32240	3.01190
7.611	-.900	19.32100	.28501	106.63000	861.18000	171.59000	9999.00000	.74449	.32218	3.01160
7.620	-.700	19.32600	.28545	106.66000	861.42000	172.19000	9999.00000	.74311	.32210	3.01520
7.629	-.500	19.33100	.28552	106.60000	860.95000	172.84000	9999.00000	.74529	.32205	3.01860
7.627	-.300	19.33300	.28545	106.60000	861.01000	173.46000	9999.00000	.74905	.32204	3.01780
7.621	-.100	19.33500	.28493	106.53000	860.45000	174.08000	9999.00000	.74902	.32194	3.01540
7.612	.100	19.33900	.28404	106.39000	859.37000	174.67000	9999.00000	.74325	.32164	3.01190
7.627	.300	19.34500	.28470	106.42000	859.61000	175.31000	9999.00000	.74372	.32148	3.01780
7.623	.500	19.35200	.28518	106.57000	860.89000	175.92000	9999.00000	.74602	.32172	3.01640
7.607	.700	19.35200	.28451	106.56000	860.84000	176.52000	9999.00000	.74830	.32163	3.00980
7.600	.900	19.35500	.28383	106.45000	860.01000	177.12000	9999.00000	.74600	.32149	3.00710
7.603	1.100	19.35900	.28398	106.46000	860.10000	177.66000	9999.00000	.73845	.32105	3.00850
7.606	1.300	19.36400	.28449	106.56000	860.95000	178.19000	9999.00000	.73885	.32078	3.00960
7.609	1.500	19.37000	.28474	106.60000	861.26000	178.75000	9999.00000	.73642	.32097	3.01070
7.616	1.700	19.37500	.28507	106.62000	861.49000	179.32000	9999.00000	.73398	.32125	3.01330
7.614	1.900	19.37800	.28499	106.62000	861.53000	179.90000	9999.00000	.73544	.32152	3.01250
7.625	2.100	19.38500	.28513	106.55000	860.97000	180.47000	9999.00000	.73470	.32159	3.01700
7.621	2.300	19.39000	.28476	106.50000	860.56000	181.11000	9999.00000	.73672	.32156	3.01550
7.633	2.500	19.39600	.28512	106.48000	860.41000	181.70000	9999.00000	.73586	.32162	3.02030
7.634	2.700	19.40400	.28508	106.47000	860.37000	182.33000	9999.00000	.73641	.32161	3.02040
7.642	2.900	19.41100	.28535	106.45000	860.27000	182.93000	9999.00000	.73214	.32189	3.02390
7.631	3.100	19.41600	.28520	106.52000	860.88000	183.55000	9999.00000	.73934	.32208	3.01930
7.641	3.300	19.42200	.28561	106.53000	860.98000	184.15000	9999.00000	.73442	.32216	3.02330
7.647	3.500	19.42900	.28547	106.45000	860.31000	184.74000	9999.00000	.73575	.32218	3.02560
7.644	3.700	19.43000	.28495	106.35000	859.53000	185.30000	9999.00000	.73170	.32223	3.02440

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OA257 (LARC 20-M6-6559) DV102

(T7E169) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2269/ 0 RN/L = 7.62 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.657	3.900	19.43200	.28521	106.29000	859.13000	186.01000	9999.00000	.72377	.32177	3.02950
GRADIENT		.02071	-.00069	-.11857	-.79714	3.07714	.00000	-.00259	-.00052	-.00207

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0A257 (LARC 20-M6-6559) OV102

(T7E070) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 282/ O RN/L = 2.29 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.292	-4.415	22.20600	.09899	117.33000	948.99000	95.08400	9999.00000	.29271	.12053	.90692
2.290	-4.300	22.21600	.09907	117.48000	950.18000	95.38500	9999.00000	.29271	.12059	.90603
2.292	-4.100	22.21300	.09909	117.43000	949.82000	95.69900	9999.00000	.29317	.12066	.90674
2.293	-3.900	22.22200	.09907	117.38000	949.47000	96.00200	9999.00000	.29397	.12074	.90720
2.290	-3.700	22.23200	.09905	117.47000	950.23000	96.32500	9999.00000	.29383	.12076	.90590
2.292	-3.500	22.23200	.09905	117.40000	949.64000	96.64500	9999.00000	.29392	.12074	.90685
2.295	-3.300	22.23100	.09907	117.32000	949.03000	96.92800	9999.00000	.29314	.12077	.90794
2.299	-3.100	22.23400	.09912	117.22000	948.30000	97.28300	9999.00000	.29264	.12079	.90949
2.296	-2.900	22.23800	.09911	117.32000	949.10000	97.55700	9999.00000	.29180	.12075	.90836
2.293	-2.700	22.24400	.09910	117.41000	949.84000	97.84600	9999.00000	.29073	.12077	.90725
2.295	-2.500	22.25200	.09911	117.35000	949.40000	98.12600	9999.00000	.28958	.12084	.90805
2.297	-2.300	22.25900	.09917	117.31000	949.15000	98.43500	9999.00000	.28954	.12091	.90895
2.295	-2.100	22.26200	.09918	117.41000	949.97000	98.74300	9999.00000	.28896	.12090	.90791
2.296	-1.900	22.26300	.09917	117.38000	949.70000	99.04300	9999.00000	.28808	.12089	.90830
2.296	-1.700	22.26700	.09916	117.35000	949.49000	99.34700	9999.00000	.28757	.12087	.90860
2.295	-1.500	22.27100	.09917	117.40000	949.98000	99.60300	9999.00000	.28750	.12087	.90800
2.295	-1.300	22.28400	.09915	117.39000	949.89000	99.86900	9999.00000	.28715	.12088	.90803
2.291	-1.100	22.29100	.09914	117.52000	950.97000	100.12000	9999.00000	.28748	.12087	.90644
2.289	-.900	22.29600	.09916	117.61000	951.78000	100.41000	9999.00000	.28678	.12085	.90551
2.289	-.700	22.29800	.09915	117.58000	951.49000	100.68000	9999.00000	.28694	.12081	.90588
2.296	-.500	22.30200	.09916	117.35000	949.71000	100.95000	9999.00000	.28727	.12079	.90863
2.297	-.300	22.30800	.09916	117.34000	949.63000	101.18000	9999.00000	.28752	.12084	.90875
2.294	-.100	22.31400	.09918	117.45000	950.59000	101.41000	9999.00000	.28934	.12090	.90762
2.292	.100	22.32400	.09916	117.50000	951.02000	101.68000	9999.00000	.28924	.12091	.90689
2.291	.300	22.33100	.09912	117.52000	951.17000	101.95000	9999.00000	.28777	.12084	.90638
2.293	.500	22.33300	.09916	117.47000	950.80000	102.21000	9999.00000	.28620	.12081	.90727
2.294	.700	22.33700	.09916	117.44000	950.57000	102.46000	9999.00000	.28574	.12077	.90766
2.293	.900	22.34100	.09918	117.50000	951.09000	102.69000	9999.00000	.28525	.12074	.90717
2.291	1.100	22.34500	.09915	117.55000	951.50000	102.90000	9999.00000	.28387	.12073	.90640
2.297	1.300	22.35400	.09916	117.36000	949.99000	103.15000	9999.00000	.28331	.12073	.90867
2.296	1.500	22.36200	.09909	117.34000	949.86000	103.40000	9999.00000	.28400	.12072	.90831
2.296	1.700	22.36600	.09908	117.30000	949.63000	103.65000	9999.00000	.28366	.12068	.90859
2.295	1.900	22.37000	.09908	117.37000	950.19000	103.95000	9999.00000	.28376	.12070	.90788
2.293	2.100	22.37100	.09910	117.44000	950.78000	104.20000	9999.00000	.28251	.12069	.90725
2.293	2.300	22.37600	.09909	117.43000	950.74000	104.45000	9999.00000	.28282	.12070	.90728
2.294	2.500	22.38500	.09909	117.38000	950.35000	104.71000	9999.00000	.28264	.12069	.90784
2.296	2.700	22.39300	.09906	117.29000	949.67000	104.98000	9999.00000	.28191	.12067	.90864
2.298	2.900	22.39700	.09907	117.25000	949.40000	105.25000	9999.00000	.28103	.12066	.90920
2.301	3.100	22.40200	.09905	117.12000	948.35000	105.57000	9999.00000	.28050	.12066	.91058
2.300	3.300	22.40600	.09906	117.16000	948.73000	105.89000	9999.00000	.28095	.12072	.91018
	GRADIENT	.03343	-.00002	.17000	1.50000	1.26857	.00000	-.00067	.00002	-.00209

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OA257 (LARC 20-M6-6559) OV102

(T7E070) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO	ALPHA =	22.500	PHI =	.000
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO	SPDBRK =	.000	AILRON =	.000
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO	YP =	1.000	1S =	1.000
SCALE =	.0100			ELEVON =	.000	MACH =	6.000
				S-MODE =	2.000	S-DIR =	1.000

RUN NO. 268/ 0 RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.669	-4.653	21.72500	.28648	106.41000	858.22000	163.44000	9999.00000	.80421	.32412	3.03440
7.657	-4.500	21.73300	.28615	106.44000	858.49000	164.30000	9999.00000	.80407	.32370	3.02970
7.651	-4.300	21.73300	.28584	106.42000	858.35000	165.19000	9999.00000	.80217	.32324	3.02730
7.644	-4.100	21.73600	.28607	106.53000	859.32000	166.03000	9999.00000	.80356	.32274	3.02470
7.643	-3.900	21.74400	.28631	106.61000	859.93000	166.91000	9999.00000	.80287	.32250	3.02430
7.661	-3.700	21.75000	.28680	106.57000	859.62000	167.79000	9999.00000	.80615	.32245	3.03120
7.653	-3.500	21.75500	.28667	106.60000	859.97000	168.70000	9999.00000	.80754	.32281	3.02820
7.643	-3.300	21.75900	.28650	106.65000	860.39000	169.53000	9999.00000	.79871	.32297	3.02430
7.641	-3.100	21.76600	.28649	106.67000	860.59000	170.39000	9999.00000	.79870	.32279	3.02350
7.634	-2.900	21.77300	.28619	106.67000	860.61000	171.21000	9999.00000	.80142	.32275	3.02040
7.663	-2.700	21.78100	.28685	106.56000	859.75000	172.01000	9999.00000	.79009	.32299	3.03210
7.656	-2.500	21.78700	.28693	106.65000	860.48000	172.85000	9999.00000	.79290	.32400	3.02920
7.656	-2.300	21.79400	.28715	106.70000	860.93000	173.65000	9999.00000	.78978	.32442	3.02940
7.667	-2.100	21.79800	.28727	106.64000	860.42000	174.39000	9999.00000	.78368	.32424	3.03350
7.678	-1.900	21.80300	.28742	106.57000	859.93000	175.14000	9999.00000	.78192	.32431	3.03790
7.662	-1.700	21.80600	.28671	106.55000	859.74000	175.90000	9999.00000	.78508	.32426	3.03160
7.654	-1.500	21.80900	.28673	106.63000	860.40000	176.64000	9999.00000	.78280	.32422	3.02850
7.664	-1.300	21.81400	.28663	106.51000	859.48000	177.32000	9999.00000	.78167	.32385	3.03260
7.648	-1.100	21.82000	.28616	106.55000	859.82000	178.00000	9999.00000	.77866	.32369	3.02600
7.673	-.900	21.83000	.28733	106.60000	860.32000	178.74000	9999.00000	.77871	.32321	3.03590
7.671	-.700	21.83500	.28725	106.60000	860.30000	179.40000	9999.00000	.78037	.32363	3.03540
7.659	-.500	21.84000	.28683	106.61000	860.40000	180.08000	9999.00000	.78138	.32357	3.03060
7.675	-.300	21.84700	.28742	106.61000	860.42000	180.76000	9999.00000	.78007	.32328	3.03690
7.666	-.100	21.84800	.28670	106.52000	859.72000	181.43000	9999.00000	.78286	.32338	3.03320
7.678	.100	21.85700	.28678	106.43000	859.00000	182.12000	9999.00000	.78172	.32355	3.03810
7.674	.300	21.85800	.28681	106.47000	859.43000	182.79000	9999.00000	.78389	.32345	3.03630
7.682	.500	21.86500	.28718	106.49000	859.59000	183.40000	9999.00000	.78700	.32315	3.03950
7.691	.700	21.86700	.28702	106.37000	858.65000	184.04000	9999.00000	.78308	.32310	3.04300
7.696	.900	21.87400	.28699	106.32000	858.22000	184.67000	9999.00000	.78305	.32356	3.04520
7.692	1.100	21.87700	.28693	106.34000	858.44000	185.29000	9999.00000	.78024	.32354	3.04360
7.672	1.300	21.88100	.28606	106.31000	858.22000	185.87000	9999.00000	.77942	.32345	3.03560
7.661	1.500	21.88500	.28523	106.21000	857.42000	186.43000	9999.00000	.77249	.32287	3.03130
7.661	1.700	21.88800	.28521	106.20000	857.41000	187.04000	9999.00000	.77386	.32237	3.03140
7.648	1.900	21.89100	.28492	106.26000	857.87000	187.64000	9999.00000	.77558	.32160	3.02610
7.649	2.100	21.89600	.28532	106.34000	858.59000	188.22000	9999.00000	.77111	.32145	3.02670
7.645	2.300	21.90300	.28512	106.34000	858.57000	188.82000	9999.00000	.77462	.32142	3.02480
7.633	2.500	21.91000	.28454	106.31000	858.36000	189.42000	9999.00000	.77217	.32113	3.02010
7.629	2.700	21.91400	.28417	106.24000	857.88000	190.01000	9999.00000	.76999	.32087	3.01880
7.635	2.900	21.92300	.28474	106.33000	858.63000	190.62000	9999.00000	.77340	.32050	3.02110
7.640	3.100	21.92800	.28466	106.27000	858.18000	191.22000	9999.00000	.76697	.32045	3.02290
7.657	3.300	21.93500	.28504	106.21000	857.67000	191.89000	9999.00000	.76010	.32098	3.02980
7.640	3.500	21.93900	.28457	106.25000	858.03000	192.54000	9999.00000	.75955	.32146	3.02300

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0A257 (LARC 20-M6-6559) OV102

(T7E070) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 268/0 RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN	
7.643	3.700	21.94400	.28448	106.21000	857.70000	193.04000	9999.00000	.76097	.32123	3.02400	
7.645	3.900	21.95000	.28484	106.28000	858.34000	193.81000	9999.00000	.75973	.32112	3.02480	
GRADIENT			.02386	-.00000	-.15857	-1.10572	3.34000	.00000	.00549	-.00020	.00680

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OA257 (LARC 20-M6-6559) OV102

(T7E170) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2282/0 RN/L = 2.29 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.291	-4.400	22.20400	.09900	117.39000	949.43000	95.18800	9999.00000	.29265	.12054	.90644
2.290	-4.200	22.21500	.09910	117.48000	950.22000	95.53700	9999.00000	.29293	.12062	.90627
2.294	-4.000	22.21500	.09909	117.35000	949.23000	95.84700	9999.00000	.29357	.12070	.90762
2.292	-3.800	22.22500	.09907	117.40000	949.65000	96.15900	9999.00000	.29392	.12076	.90697
2.289	-3.600	22.23200	.09903	117.47000	950.26000	96.46500	9999.00000	.29373	.12075	.90578
2.293	-3.400	22.23000	.09905	117.36000	949.33000	96.80500	9999.00000	.29385	.12076	.90735
2.297	-3.200	22.23300	.09910	117.25000	948.51000	97.11500	9999.00000	.29253	.12077	.90901
2.297	-3.000	22.23600	.09910	117.26000	948.64000	97.42600	9999.00000	.29249	.12077	.90888
2.294	-2.800	22.24100	.09912	117.37000	949.51000	97.68300	9999.00000	.29138	.12074	.90787
2.293	-2.600	22.24800	.09911	117.40000	949.81000	97.98600	9999.00000	.28980	.12081	.90737
2.296	-2.400	22.25500	.09911	117.32000	949.20000	98.28900	9999.00000	.28963	.12088	.90835
2.296	-2.200	22.26100	.09917	117.36000	949.50000	98.57700	9999.00000	.28946	.12091	.90854
2.293	-2.000	22.26400	.09915	117.43000	950.11000	98.89000	9999.00000	.28851	.12090	.90747
2.297	-1.800	22.26400	.09917	117.32000	949.23000	99.20500	9999.00000	.28764	.12087	.90900
2.295	-1.600	22.26900	.09917	117.39000	949.87000	99.46200	9999.00000	.28757	.12086	.90818
2.296	-1.400	22.27600	.09916	117.36000	949.62000	99.72800	9999.00000	.28720	.12088	.90844
2.293	-1.200	22.28700	.09916	117.45000	950.39000	99.99800	9999.00000	.28732	.12089	.90744
2.289	-1.000	22.29400	.09915	117.58000	951.49000	100.28000	9999.00000	.28744	.12086	.90583
2.289	-.800	22.29800	.09917	117.61000	951.78000	100.53000	9999.00000	.28659	.12082	.90566
2.292	-.600	22.30000	.09915	117.50000	950.89000	100.79000	9999.00000	.28759	.12080	.90675
2.298	-.400	22.30400	.09915	117.30000	949.26000	101.05000	9999.00000	.28701	.12081	.90918
2.296	-.200	22.31000	.09917	117.39000	950.08000	101.30000	9999.00000	.28850	.12086	.90828
2.293	.000	22.32000	.09917	117.47000	950.76000	101.55000	9999.00000	.28961	.12092	.90729
2.292	.200	22.33000	.09915	117.52000	951.13000	101.81000	9999.00000	.28856	.12087	.90669
2.292	.400	22.33200	.09917	117.50000	951.04000	102.09000	9999.00000	.28716	.12083	.90701
2.294	.600	22.33500	.09916	117.44000	950.60000	102.32000	9999.00000	.28598	.12080	.90762
2.293	.800	22.34000	.09915	117.47000	950.83000	102.59000	9999.00000	.28565	.12076	.90729
2.292	1.000	22.34300	.09917	117.52000	951.30000	102.79000	9999.00000	.28464	.12074	.90682
2.292	1.200	22.34800	.09915	117.49000	951.07000	103.03000	9999.00000	.28327	.12073	.90701
2.297	1.400	22.35800	.09912	117.30000	949.53000	103.27000	9999.00000	.28382	.12073	.90902
2.294	1.600	22.36500	.09906	117.36000	950.07000	103.53000	9999.00000	.28383	.12071	.90774
2.297	1.800	22.36800	.09909	117.30000	949.62000	103.80000	9999.00000	.28389	.12068	.90878
2.293	2.000	22.37100	.09909	117.43000	950.67000	104.08000	9999.00000	.28284	.12069	.90729
2.293	2.200	22.37400	.09910	117.43000	950.70000	104.32000	9999.00000	.28265	.12070	.90736
2.293	2.400	22.38000	.09907	117.43000	950.77000	104.58000	9999.00000	.28286	.12070	.90709
2.296	2.600	22.38800	.09907	117.32000	949.93000	104.84000	9999.00000	.28229	.12068	.90838
2.297	2.800	22.39700	.09907	117.27000	949.52000	105.11000	9999.00000	.28128	.12066	.90894
2.297	3.000	22.39900	.09905	117.27000	949.51000	105.44000	9999.00000	.28090	.12066	.90882
2.303	3.200	22.40400	.09906	117.08000	948.03000	105.74000	9999.00000	.28071	.12069	.91114
2.300	3.322	22.40700	.09906	117.18000	948.90000	105.91000	9999.00000	.28097	.12073	.90993
	GRADIENT	.03232	.00001	.06250	.66786	1.28214	.00012	-.00080	.00001	-.00059'

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OA257 (LARC 20-M6-6559) OV102

(T7E170) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2268/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.666	-4.600	21.73100	.28652	106.44000	858.50000	163.82000	9999.00000	.80368	.32391	3.03340
7.646	-4.400	21.73100	.28557	106.39000	858.12000	164.75000	9999.00000	.80385	.32343	3.02550
7.651	-4.200	21.73700	.28615	106.49000	858.94000	165.60000	9999.00000	.80305	.32302	3.02750
7.640	-4.000	21.74000	.28601	106.56000	859.55000	166.52000	9999.00000	.80339	.32258	3.02300
7.650	-3.800	21.74700	.28658	106.61000	859.96000	167.35000	9999.00000	.80400	.32241	3.02700
7.653	-3.600	21.75100	.28656	106.58000	859.78000	168.23000	9999.00000	.80662	.32267	3.02800
7.655	-3.400	21.75700	.28683	106.63000	860.18000	169.12000	9999.00000	.80427	.32285	3.02890
7.636	-3.200	21.76400	.28621	106.65000	860.38000	169.97000	9999.00000	.79650	.32294	3.02150
7.636	-3.000	21.76700	.28645	106.72000	860.93000	170.78000	9999.00000	.80113	.32267	3.02130
7.651	-2.800	21.77600	.28639	106.56000	859.70000	171.62000	9999.00000	.79514	.32283	3.02740
7.665	-2.600	21.78400	.28700	106.59000	859.95000	172.43000	9999.00000	.78943	.32339	3.03270
7.654	-2.400	21.78800	.28701	106.69000	860.81000	173.22000	9999.00000	.79411	.32433	3.02840
7.659	-2.200	21.79600	.28729	106.71000	861.01000	174.02000	9999.00000	.78676	.32442	3.03050
7.675	-2.000	21.80400	.28731	106.57000	859.92000	174.77000	9999.00000	.78063	.32422	3.03680
7.677	-1.800	21.80300	.28710	106.51000	859.40000	175.53000	9999.00000	.78323	.32424	3.03740
7.658	-1.600	21.80900	.28670	106.58000	860.06000	176.25000	9999.00000	.78527	.32430	3.02990
7.651	-1.400	21.81200	.28654	106.61000	860.31000	176.99000	9999.00000	.78336	.32403	3.02720
7.668	-1.200	21.81900	.28672	106.49000	859.38000	177.68000	9999.00000	.77944	.32381	3.03410
7.647	-1.000	21.82400	.28622	106.57000	860.03000	178.37000	9999.00000	.77735	.32345	3.02560
7.681	-.800	21.83400	.28761	106.60000	860.29000	179.08000	9999.00000	.77956	.32335	3.03920
7.662	-.600	21.83600	.28693	106.61000	860.40000	179.75000	9999.00000	.78175	.32370	3.03160
7.665	-.400	21.84500	.28703	106.61000	860.42000	180.44000	9999.00000	.77928	.32342	3.03270
7.667	-.200	21.84800	.28707	106.60000	860.37000	181.13000	9999.00000	.78264	.32329	3.03360
7.680	.000	21.85200	.28683	106.42000	858.95000	181.77000	9999.00000	.77935	.32342	3.03870
7.678	.200	21.85400	.28681	106.43000	859.08000	182.46000	9999.00000	.78210	.32357	3.03800
7.676	.400	21.86200	.28703	106.51000	859.70000	183.09000	9999.00000	.78600	.32331	3.03730
7.688	.600	21.86600	.28702	106.40000	858.85000	183.70000	9999.00000	.78717	.32304	3.04190
7.694	.800	21.87100	.28706	106.35000	858.47000	184.35000	9999.00000	.78620	.32328	3.04450
7.693	1.000	21.87700	.28692	106.33000	858.37000	184.95000	9999.00000	.77923	.32365	3.04380
7.680	1.200	21.88100	.28640	106.32000	858.32000	185.58000	9999.00000	.78172	.32358	3.03870
7.666	1.400	21.88200	.28558	106.24000	857.71000	186.17000	9999.00000	.77468	.32320	3.03340
7.669	1.600	21.88500	.28543	106.18000	857.25000	186.73000	9999.00000	.77228	.32260	3.03450
7.643	1.800	21.88800	.28463	106.23000	857.61000	187.32000	9999.00000	.77460	.32195	3.02420
7.654	2.000	21.89700	.28536	106.31000	858.34000	187.92000	9999.00000	.77396	.32142	3.02830
7.649	2.200	21.90200	.28530	106.34000	858.56000	188.51000	9999.00000	.77438	.32146	3.02670
7.638	2.400	21.90600	.28490	106.35000	858.67000	189.13000	9999.00000	.77394	.32130	3.02210
7.630	2.600	21.91200	.28419	106.25000	857.88000	189.70000	9999.00000	.77182	.32102	3.01890
7.641	2.800	21.92000	.28482	106.30000	858.35000	190.32000	9999.00000	.77216	.32063	3.02330
7.633	3.000	21.92500	.28457	106.32000	858.52000	190.94000	9999.00000	.77127	.32049	3.02000
7.656	3.200	21.93200	.28497	106.20000	857.63000	191.56000	9999.00000	.76209	.32059	3.02920
7.654	3.400	21.93800	.28506	106.24000	857.98000	192.20000	9999.00000	.75977	.32123	3.02840
7.636	3.600	21.94100	.28433	106.23000	857.87000	192.83000	9999.00000	.76124	.32139	3.02150

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OA257 (LARC 20-M6-6559) DV102

(T7E170) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 22.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2268/0 RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN	
7.649	3.800	21.94900	.28485	106.24000	858.00000	193.49000	9999.00000	.75826	.32105	3.02660	
7.651	3.936	21.94500	.28499	106.26000	858.18000	194.01000	9999.00000	.76033	.32112	3.02720	
GRADIENT			.02321	.00000	-.17857	-1.31784	3.30000	.00012	.00521	-.00034	.00795

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E071) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 281/ 0 RN/L = 2.23 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.223	-4.576	24.43000	.09761	118.68000	960.61000	105.16000	9999.00000	.29440	.11957	.87949
2.231	-4.400	24.44200	.09765	118.42000	958.59000	105.44000	9999.00000	.29430	.11963	.88272
2.234	-4.200	24.43800	.09772	118.36000	958.10000	105.66000	9999.00000	.29463	.11970	.88406
2.230	-4.000	24.43900	.09769	118.48000	959.10000	105.90000	9999.00000	.29387	.11974	.88254
2.229	-3.800	24.44200	.09771	118.55000	959.68000	106.12000	9999.00000	.29370	.11976	.88192
2.233	-3.600	24.45100	.09773	118.42000	958.67000	106.30000	9999.00000	.29275	.11979	.88351
2.232	-3.400	24.46000	.09775	118.47000	959.08000	106.53000	9999.00000	.29322	.11982	.88316
2.227	-3.200	24.46800	.09772	118.62000	960.33000	106.78000	9999.00000	.29328	.11979	.88128
2.228	-3.000	24.46800	.09778	118.65000	960.61000	107.04000	9999.00000	.29375	.11974	.88145
2.230	-2.800	24.47400	.09781	118.58000	960.07000	107.30000	9999.00000	.29349	.11973	.88250
2.234	-2.600	24.47300	.09784	118.48000	959.30000	107.55000	9999.00000	.29269	.11967	.88394
2.233	-2.400	24.47400	.09784	118.54000	959.75000	107.80000	9999.00000	.29399	.11964	.88338
2.228	-2.200	24.48200	.09782	118.67000	960.83000	107.99000	9999.00000	.29358	.11968	.88170
2.229	-2.000	24.49300	.09783	118.66000	960.81000	108.19000	9999.00000	.29275	.11971	.88193
2.228	-1.800	24.50200	.09783	118.70000	961.12000	108.48000	9999.00000	.29291	.11966	.88152
2.225	-1.600	24.50600	.09784	118.82000	962.19000	108.69000	9999.00000	.29347	.11962	.88021
2.223	-1.400	24.51500	.09789	118.92000	962.99000	108.96000	9999.00000	.29267	.11958	.87958
2.225	-1.200	24.51500	.09786	118.84000	962.41000	109.29000	9999.00000	.29249	.11958	.88019
2.228	-1.000	24.51900	.09788	118.75000	961.71000	109.63000	9999.00000	.29110	.11958	.88138
2.229	-.800	24.52500	.09788	118.71000	961.34000	110.00000	9999.00000	.29047	.11958	.88190
2.228	-.600	24.53800	.09782	118.68000	961.15000	110.50000	9999.00000	.29043	.11957	.88171
2.228	-.400	24.54500	.09786	118.72000	961.48000	111.07000	9999.00000	.28991	.11953	.88162
2.232	-.200	24.55100	.09786	118.59000	960.46000	111.61000	9999.00000	.28985	.11950	.88308
2.228	.000	24.55800	.09787	118.74000	961.71000	112.19000	9999.00000	.28948	.11954	.88151
2.227	.200	24.56200	.09788	118.78000	962.08000	112.71000	9999.00000	.28972	.11956	.88117
2.232	.400	24.56400	.09791	118.64000	960.96000	113.14000	9999.00000	.28963	.11955	.88298
2.234	.600	24.56800	.09790	118.56000	960.37000	113.51000	9999.00000	.28863	.11953	.88383
2.227	.800	24.57700	.09785	118.75000	961.92000	113.77000	9999.00000	.28727	.11950	.88130
2.227	1.000	24.58800	.09783	118.74000	961.85000	114.03000	9999.00000	.28690	.11950	.88119
2.224	1.200	24.59400	.09783	118.84000	962.69000	114.30000	9999.00000	.28566	.11948	.88015
2.221	1.400	24.59900	.09780	118.93000	963.46000	114.46000	9999.00000	.28523	.11952	.87888
2.223	1.600	24.60200	.09782	118.90000	963.22000	114.67000	9999.00000	.28540	.11954	.87942
2.225	1.800	24.60500	.09786	118.84000	962.78000	114.84000	9999.00000	.28653	.11950	.88038
2.225	2.000	24.60700	.09787	118.85000	962.86000	115.03000	9999.00000	.28676	.11950	.88043
2.222	2.200	24.61900	.09783	118.92000	963.45000	115.17000	9999.00000	.28680	.11949	.87929
2.219	2.400	24.62800	.09777	119.00000	964.12000	115.37000	9999.00000	.28605	.11948	.87791
2.216	2.600	24.63300	.09776	119.08000	964.80000	115.57000	9999.00000	.28585	.11949	.87695
2.214	2.800	24.63800	.09778	119.19000	965.71000	115.77000	9999.00000	.28531	.11946	.87590
2.214	3.000	24.64200	.09778	119.18000	965.66000	115.97000	9999.00000	.28600	.11945	.87610
2.218	3.200	24.64700	.09779	119.05000	964.63000	116.18000	9999.00000	.28615	.11942	.87757
	GRADIENT	.02482	.00007	-.05893	-.31428	2.54822	.00012	-.00109	-.00000	.00128

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OA257 (LARC 20-M6-6559) OV102

(T7E071) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 234/ O RN/L = 4.49 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.550	-4.640	24.15100	.16785	105.70000	856.39000	140.42000	9999.00000	.50127	.19613	1.80020
4.544	-4.500	24.15600	.16805	105.88000	857.81000	140.95000	9999.00000	.50024	.19633	1.79800
4.543	-4.300	24.15700	.16810	105.92000	858.17000	141.38000	9999.00000	.50087	.19650	1.79740
4.544	-4.100	24.16300	.16821	105.95000	858.41000	141.83000	9999.00000	.49903	.19658	1.79790
4.543	-3.900	24.16800	.16823	105.97000	858.61000	142.31000	9999.00000	.50001	.19660	1.79770
4.546	-3.700	24.17500	.16830	105.95000	858.49000	142.80000	9999.00000	.49840	.19673	1.79880
4.549	-3.500	24.17900	.16810	105.83000	857.49000	143.35000	9999.00000	.49635	.19691	1.79990
4.539	-3.300	24.18900	.16758	105.76000	856.99000	143.88000	9999.00000	.49656	.19685	1.79600
4.524	-3.100	24.19100	.16675	105.65000	856.12000	144.43000	9999.00000	.49721	.19676	1.78990
4.531	-2.900	24.19600	.16618	105.29000	853.21000	145.04000	9999.00000	.49553	.19647	1.79300
4.522	-2.700	24.19800	.16575	105.27000	853.04000	145.64000	9999.00000	.49297	.19606	1.78910
4.529	-2.500	24.20000	.16553	105.05000	851.32000	146.23000	9999.00000	.49121	.19559	1.79210
4.509	-2.300	24.20300	.16538	105.31000	853.39000	146.80000	9999.00000	.49071	.19519	1.78410
4.491	-2.100	24.21000	.16515	105.49000	854.91000	147.38000	9999.00000	.48915	.19453	1.77690
4.482	-1.900	24.21300	.16512	105.62000	856.01000	148.00000	9999.00000	.48585	.19426	1.77330
4.476	-1.700	24.21900	.16514	105.72000	856.81000	148.62000	9999.00000	.48563	.19388	1.77110
4.486	-1.500	24.22600	.16503	105.51000	855.16000	149.15000	9999.00000	.48401	.19356	1.77510
4.479	-1.300	24.23100	.16506	105.65000	856.28000	149.74000	9999.00000	.48489	.19343	1.77210
4.470	-1.100	24.24200	.16511	105.81000	857.63000	150.32000	9999.00000	.48480	.19325	1.76850
4.468	-.900	24.25000	.16521	105.88000	858.22000	150.89000	9999.00000	.48281	.19322	1.76780
4.470	-.700	24.25500	.16523	105.87000	858.10000	151.44000	9999.00000	.48047	.19312	1.76850
4.471	-.500	24.26500	.16530	105.87000	858.15000	152.02000	9999.00000	.48066	.19309	1.76920
4.473	-.300	24.26700	.16530	105.84000	857.96000	152.56000	9999.00000	.48143	.19302	1.76990
4.471	-.100	24.27100	.16532	105.89000	858.30000	153.18000	9999.00000	.48095	.19312	1.76910
4.471	.100	24.27600	.16531	105.88000	858.31000	153.78000	9999.00000	.48190	.19310	1.76910
4.477	.300	24.28100	.16543	105.84000	857.99000	154.36000	9999.00000	.47930	.19292	1.77130
4.491	.500	24.28400	.16548	105.65000	856.44000	154.94000	9999.00000	.47862	.19295	1.77690
4.482	.700	24.29100	.16552	105.79000	857.65000	155.54000	9999.00000	.47777	.19300	1.77360
4.477	.900	24.29600	.16551	105.87000	858.29000	156.13000	9999.00000	.47534	.19297	1.77160
4.487	1.100	24.30600	.16566	105.79000	857.62000	156.68000	9999.00000	.47480	.19302	1.77530
4.485	1.300	24.31600	.16575	105.85000	858.12000	157.25000	9999.00000	.47420	.19305	1.77480
4.490	1.500	24.32400	.16576	105.78000	857.61000	157.83000	9999.00000	.47387	.19325	1.77660
4.497	1.700	24.33000	.16571	105.66000	856.62000	158.40000	9999.00000	.47430	.19327	1.77920
4.477	1.900	24.33400	.16562	105.92000	858.82000	158.98000	9999.00000	.47110	.19322	1.77160
4.464	2.100	24.34000	.16550	106.09000	860.16000	159.55000	9999.00000	.46974	.19326	1.76620
4.454	2.300	24.34100	.16512	106.08000	860.13000	160.13000	9999.00000	.46760	.19327	1.76240
4.453	2.500	24.34100	.16476	105.94000	858.98000	160.73000	9999.00000	.47098	.19324	1.76210
4.448	2.700	24.34400	.16443	105.88000	858.51000	161.30000	9999.00000	.46912	.19305	1.76010
4.454	2.900	24.35200	.16433	105.74000	857.42000	161.88000	9999.00000	.46880	.19266	1.76250
4.443	3.100	24.35600	.16418	105.86000	858.40000	162.44000	9999.00000	.46789	.19230	1.75790
4.447	3.300	24.36300	.16405	105.74000	857.49000	162.95000	9999.00000	.46672	.19217	1.75940
	GRADIENT	.02029	.00018	-.15857	-1.20714	2.94286	.00000	-.00223	-.00015	.00610

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0A257 (LARC 20-M6-6559) DV102

(T7E071) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 267/ 0 RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.686	-4.602	.24.14600	.28574	106.10000	856.60000	172.74000	9999.00000	.83498	.32198	3.04110
7.684	-4.500	.24.15300	.28548	106.06000	856.25000	173.47000	9999.00000	.83504	.32229	3.04040
7.696	-4.300	.24.15700	.28576	106.02000	855.95000	174.46000	9999.00000	.83345	.32266	3.04520
7.696	-4.100	.24.16100	.28600	106.08000	856.46000	175.38000	9999.00000	.83468	.32260	3.04520
7.697	-3.900	.24.16400	.28593	106.05000	856.26000	176.25000	9999.00000	.83665	.32257	3.04560
7.704	-3.700	.24.17000	.28631	106.09000	856.57000	177.16000	9999.00000	.84025	.32242	3.04810
7.707	-3.500	.24.18000	.28672	106.16000	857.19000	178.03000	9999.00000	.83353	.32271	3.04930
7.703	-3.300	.24.18500	.28680	106.22000	857.69000	178.88000	9999.00000	.82972	.32293	3.04770
7.703	-3.100	.24.18800	.28633	106.10000	856.72000	179.72000	9999.00000	.82796	.32310	3.04800
7.690	-2.900	.24.19400	.28570	106.07000	856.47000	180.52000	9999.00000	.82664	.32360	3.04280
7.694	-2.700	.24.19800	.28556	105.99000	855.92000	181.32000	9999.00000	.81948	.32330	3.04440
7.664	-2.500	.24.20100	.28462	106.04000	856.33000	182.08000	9999.00000	.81781	.32266	3.03230
7.644	-2.300	.24.20300	.28369	106.00000	855.98000	182.83000	9999.00000	.81625	.32181	3.02450
7.648	-2.100	.24.21200	.28431	106.11000	856.92000	183.57000	9999.00000	.81324	.32117	3.02620
7.636	-1.900	.24.21900	.28430	106.22000	857.81000	184.29000	9999.00000	.81872	.32096	3.02150
7.626	-1.700	.24.22300	.28384	106.20000	857.67000	184.99000	9999.00000	.81575	.32084	3.01760
7.630	-1.500	.24.23100	.28391	106.18000	857.56000	185.70000	9999.00000	.81572	.32061	3.01910
7.650	-1.300	.24.23800	.28443	106.13000	857.18000	186.38000	9999.00000	.80803	.32040	3.02680
7.639	-1.100	.24.24300	.28427	106.19000	857.64000	187.03000	9999.00000	.80956	.32050	3.02270
7.634	-.900	.24.24900	.28408	106.20000	857.73000	187.76000	9999.00000	.80914	.32052	3.02040
7.636	-.700	.24.25500	.28375	106.09000	856.93000	188.44000	9999.00000	.80744	.32052	3.02130
7.641	-.500	.24.26100	.28385	106.07000	856.74000	189.10000	9999.00000	.79888	.32060	3.02350
7.645	-.300	.24.27100	.28458	106.21000	857.95000	189.75000	9999.00000	.79929	.32054	3.02500
7.623	-.100	.24.27500	.28423	106.33000	858.92000	190.42000	9999.00000	.80776	.32046	3.01640
7.648	.100	.24.28200	.28469	106.22000	858.02000	191.09000	9999.00000	.80401	.32031	3.02610
7.654	.300	.24.29300	.28535	106.33000	858.94000	191.76000	9999.00000	.81105	.32069	3.02850
7.643	.500	.24.29800	.28519	106.39000	859.42000	192.42000	9999.00000	.80829	.32144	3.02430
7.645	.700	.24.30100	.28504	106.33000	859.02000	193.06000	9999.00000	.80094	.32155	3.02500
7.629	.900	.24.30800	.28444	106.34000	859.10000	193.71000	9999.00000	.80174	.32144	3.01850
7.620	1.100	.24.31200	.28402	106.32000	858.93000	194.36000	9999.00000	.79476	.32101	3.01500
7.613	1.300	.24.31500	.28369	106.30000	858.84000	194.97000	9999.00000	.79458	.32058	3.01210
7.597	1.500	.24.31800	.28319	106.32000	859.02000	195.61000	9999.00000	.80043	.32034	3.00600
7.572	1.700	.24.32100	.28206	106.28000	858.67000	196.24000	9999.00000	.79359	.32013	2.99600
7.557	1.900	.24.32500	.28131	106.23000	858.29000	196.84000	9999.00000	.78856	.31925	2.99010
7.565	2.100	.24.33100	.28192	106.31000	858.98000	197.46000	9999.00000	.79317	.31852	2.99320
7.558	2.300	.24.34000	.28201	106.40000	859.71000	198.06000	9999.00000	.79432	.31844	2.99050
7.554	2.500	.24.34500	.28183	106.39000	859.68000	198.69000	9999.00000	.79047	.31824	2.98890
7.539	2.700	.24.34700	.28127	106.39000	859.72000	199.33000	9999.00000	.78650	.31810	2.98290
7.547	2.900	.24.35300	.28128	106.33000	859.19000	199.94000	9999.00000	.78152	.31795	2.98600
7.563	3.100	.24.36300	.28234	106.44000	860.15000	200.55000	9999.00000	.78574	.31796	2.99240
7.552	3.300	.24.36700	.28201	106.46000	860.30000	201.24000	9999.00000	.79237	.31820	2.98820
7.553	3.500	.24.36800	.28155	106.33000	859.30000	201.91000	9999.00000	.78636	.31809	2.98870

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OA257 (LARC 20-M6-6559) OV102

(T7E071) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 267/ 0 RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.560	3.700	24.37500	.28180	106.33000	859.31000	202.50000	9999.00000	.78422	.31829	2.99150
	GRADIENT	.03686	.00135	.26429	2.21000	3.32857	.00000	.01123	.00064	.00346

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2281/ O RN/L = 2.23 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.230	-4.500	24.43700	.09764	118.46000	958.86000	105.32000	9999.00000	.29405	.11961	.88222
2.232	-4.300	24.44100	.09765	118.40000	958.38000	105.58000	9999.00000	.29462	.11967	.88308
2.233	-4.100	24.43700	.09771	118.40000	958.42000	105.80000	9999.00000	.29415	.11973	.88359
2.229	-3.900	24.44000	.09770	118.52000	959.46000	106.02000	9999.00000	.29416	.11975	.88212
2.231	-3.700	24.44800	.09771	118.48000	959.09000	106.20000	9999.00000	.29291	.11976	.88278
2.233	-3.500	24.45800	.09774	118.42000	958.70000	106.40000	9999.00000	.29308	.11982	.88366
2.229	-3.300	24.46100	.09771	118.55000	959.74000	106.64000	9999.00000	.29295	.11982	.88192
2.227	-3.100	24.46800	.09776	118.66000	960.63000	106.90000	9999.00000	.29331	.11976	.88122
2.229	-2.900	24.47300	.09781	118.63000	960.49000	107.18000	9999.00000	.29349	.11972	.88190
2.233	-2.700	24.47100	.09782	118.49000	959.37000	107.43000	9999.00000	.29327	.11972	.88361
2.234	-2.500	24.47200	.09787	118.49000	959.35000	107.66000	9999.00000	.29332	.11964	.88410
2.231	-2.300	24.47800	.09784	118.60000	960.29000	107.86000	9999.00000	.29394	.11966	.88260
2.229	-2.100	24.48600	.09783	118.65000	960.68000	108.09000	9999.00000	.29313	.11971	.88201
2.228	-1.900	24.49700	.09782	118.69000	961.07000	108.33000	9999.00000	.29263	.11970	.88147
2.227	-1.700	24.50600	.09783	118.73000	961.41000	108.58000	9999.00000	.29324	.11964	.88115
2.222	-1.500	24.51100	.09785	118.92000	962.95000	108.84000	9999.00000	.29308	.11959	.87928
2.223	-1.300	24.51100	.09787	118.89000	962.79000	109.13000	9999.00000	.29251	.11959	.87973
2.226	-1.100	24.51700	.09787	118.78000	961.93000	109.45000	9999.00000	.29208	.11959	.88095
2.228	-.900	24.52400	.09785	118.72000	961.40000	109.82000	9999.00000	.29019	.11958	.88157
2.228	-.700	24.53100	.09784	118.69000	961.21000	110.27000	9999.00000	.29069	.11958	.88172
2.227	-.500	24.54400	.09783	118.74000	961.63000	110.80000	9999.00000	.29026	.11955	.88109
2.231	-.300	24.54900	.09785	118.60000	960.57000	111.33000	9999.00000	.28969	.11952	.88283
2.230	-.100	24.55400	.09786	118.67000	961.10000	111.93000	9999.00000	.28964	.11951	.88222
2.226	-.100	24.55900	.09787	118.79000	962.16000	112.49000	9999.00000	.28992	.11955	.88090
2.229	.300	24.56100	.09790	118.72000	961.57000	112.94000	9999.00000	.28973	.11955	.88208
2.234	.500	24.56500	.09791	118.57000	960.38000	113.36000	9999.00000	.28910	.11955	.88385
2.230	.700	24.57300	.09787	118.67000	961.21000	113.64000	9999.00000	.28811	.11950	.88243
2.228	.900	24.58100	.09782	118.71000	961.61000	113.92000	9999.00000	.28698	.11950	.88145
2.226	1.100	24.59200	.09784	118.80000	962.33000	114.17000	9999.00000	.28654	.11949	.88066
2.224	1.300	24.59600	.09784	118.87000	962.94000	114.38000	9999.00000	.28515	.11949	.87985
2.221	1.500	24.59900	.09781	118.94000	963.56000	114.60000	9999.00000	.28530	.11954	.87879
2.224	1.700	24.60300	.09785	118.86000	962.91000	114.79000	9999.00000	.28582	.11952	.88012
2.226	1.900	24.60500	.09788	118.84000	962.80000	114.93000	9999.00000	.28672	.11950	.88059
2.223	2.100	24.61200	.09785	118.90000	963.26000	115.09000	9999.00000	.28709	.11951	.87978
2.220	2.300	24.62300	.09780	118.96000	963.82000	115.28000	9999.00000	.28626	.11949	.87853
2.218	2.500	24.63000	.09777	119.02000	964.32000	115.46000	9999.00000	.28602	.11948	.87769
2.215	2.700	24.63600	.09778	119.13000	965.25000	115.68000	9999.00000	.28545	.11947	.87657
2.213	2.900	24.64100	.09777	119.22000	965.99000	115.88000	9999.00000	.28557	.11946	.87551
2.217	3.100	24.64300	.09778	119.08000	964.89000	116.06000	9999.00000	.28640	.11943	.87710
2.217	3.269	24.64900	.09776	119.05000	964.70000	116.24000	9999.00000	.28581	.11942	.87730
	GRADIENT	.02086	.00009	-.05286	-.31285	2.59857	.00000	-.00077	.00002	.00146

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OA257 (LARC 20-M6-6559) OV102

(T7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	25.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2234/0 RN/L = 4.49 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.546	-4.600	24.15500	.16799	105.82000	857.34000	140.68000	9999.00000	.50085	.19626	1.79870
4.544	-4.400	24.15700	.16809	105.90000	857.99000	141.18000	9999.00000	.50039	.19640	1.79780
4.542	-4.200	24.16000	.16814	105.94000	858.35000	141.61000	9999.00000	.49989	.19658	1.79730
4.546	-4.000	24.16600	.16826	105.93000	858.32000	142.06000	9999.00000	.49972	.19660	1.79880
4.541	-3.800	24.17100	.16823	106.01000	858.95000	142.54000	9999.00000	.49904	.19664	1.79660
4.552	-3.600	24.17800	.16828	105.86000	857.73000	143.07000	9999.00000	.49679	.19686	1.80110
4.543	-3.400	24.18300	.16783	105.81000	857.36000	143.62000	9999.00000	.49684	.19689	1.79750
4.533	-3.200	24.18800	.16722	105.71000	856.56000	144.17000	9999.00000	.49697	.19685	1.79360
4.524	-3.000	24.19600	.16639	105.49000	854.85000	144.72000	9999.00000	.49634	.19662	1.79010
4.528	-2.800	24.19500	.16595	105.26000	852.94000	145.33000	9999.00000	.49425	.19632	1.79150
4.534	-2.600	24.19700	.16561	105.01000	850.99000	145.94000	9999.00000	.49277	.19576	1.79400
4.519	-2.400	24.20000	.16547	105.19000	852.43000	146.54000	9999.00000	.49021	.19545	1.78810
4.500	-2.200	24.20600	.16522	105.38000	853.97000	147.10000	9999.00000	.48983	.19484	1.78060
4.483	-2.000	24.21100	.16512	105.60000	855.77000	147.71000	9999.00000	.48788	.19440	1.77400
4.480	-1.800	24.21600	.16515	105.66000	856.28000	148.30000	9999.00000	.48544	.19410	1.77280
4.478	-1.600	24.22400	.16508	105.67000	856.40000	148.90000	9999.00000	.48458	.19366	1.77170
4.483	-1.400	24.23000	.16504	105.56000	855.55000	149.45000	9999.00000	.48353	.19349	1.77400
4.473	-1.200	24.23600	.16510	105.75000	857.13000	150.04000	9999.00000	.48549	.19330	1.76980
4.466	-1.000	24.24600	.16512	105.87000	858.09000	150.59000	9999.00000	.48375	.19324	1.76720
4.468	-.800	24.25400	.16521	105.88000	858.21000	151.17000	9999.00000	.48132	.19320	1.76790
4.471	.600	24.25900	.16525	105.85000	857.99000	151.73000	9999.00000	.48000	.19312	1.76910
4.473	-.400	24.26800	.16530	105.84000	857.90000	152.28000	9999.00000	.48117	.19303	1.77000
4.472	-.200	24.27000	.16530	105.87000	858.14000	152.88000	9999.00000	.48200	.19310	1.76930
4.469	.000	24.27200	.16529	105.90000	858.46000	153.49000	9999.00000	.48143	.19312	1.76830
4.472	.200	24.27700	.16533	105.88000	858.27000	154.06000	9999.00000	.48010	.19300	1.76940
4.485	.400	24.28200	.16547	105.73000	857.08000	154.67000	9999.00000	.47888	.19289	1.77470
4.485	.600	24.28700	.16546	105.73000	857.10000	155.27000	9999.00000	.47867	.19300	1.77460
4.477	.800	24.29300	.16551	105.88000	858.38000	155.85000	9999.00000	.47667	.19296	1.77130
4.488	1.000	24.30100	.16559	105.74000	857.22000	156.40000	9999.00000	.47509	.19301	1.77580
4.484	1.200	24.31300	.16570	105.84000	858.07000	156.95000	9999.00000	.47415	.19305	1.77440
4.485	1.400	24.31900	.16574	105.85000	858.17000	157.54000	9999.00000	.47374	.19318	1.77460
4.500	1.600	24.32700	.16574	105.61000	856.24000	158.08000	9999.00000	.47384	.19329	1.78070
4.488	1.800	24.33200	.16567	105.77000	857.60000	158.69000	9999.00000	.47320	.19322	1.77580
4.470	2.000	24.33700	.16561	106.03000	859.69000	159.27000	9999.00000	.47025	.19323	1.76880
4.458	2.200	24.34000	.16534	106.10000	860.30000	159.85000	9999.00000	.46880	.19327	1.76400
4.452	2.400	24.34200	.16494	106.03000	859.75000	160.44000	9999.00000	.46929	.19326	1.76160
4.451	2.600	24.34100	.16454	105.88000	858.53000	161.02000	9999.00000	.46993	.19319	1.76120
4.453	2.800	24.34800	.16439	105.79000	857.85000	161.60000	9999.00000	.46878	.19284	1.76180
4.447	3.000	24.35200	.16422	105.82000	858.05000	162.16000	9999.00000	.46840	.19243	1.75940
4.448	3.200	24.35800	.16413	105.75000	857.58000	162.66000	9999.00000	.46787	.19226	1.75990
	GRADIENT	.02125	.00018	-.10179	-.74643	2.96071	.00012	-.00187	-.00013	.00464

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OA257 (LARC 20-M6-6559) OV102

(T7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2267/ O RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.685	-4.600	24.14600	.28571	106.10000	856.59000	172.76000	9999.00000	.83489	.32199	3.04090
7.701	-4.400	24.15500	.28586	105.99000	855.73000	173.96000	9999.00000	.83377	.32260	3.04720
7.699	-4.200	24.15800	.28598	106.05000	856.21000	174.92000	9999.00000	.83340	.32262	3.04620
7.697	-4.000	24.16300	.28598	106.07000	856.38000	175.84000	9999.00000	.83586	.32258	3.04540
7.700	-3.800	24.16600	.28611	106.07000	856.42000	176.75000	9999.00000	.83746	.32243	3.04680
7.702	-3.600	24.17400	.28635	106.11000	856.80000	177.57000	9999.00000	.83736	.32255	3.04750
7.696	-3.400	24.18300	.28651	106.21000	857.57000	178.43000	9999.00000	.83196	.32282	3.04520
7.700	-3.200	24.18600	.28655	106.19000	857.41000	179.30000	9999.00000	.82759	.32297	3.04660
7.703	-3.000	24.19300	.28619	106.07000	856.52000	180.14000	9999.00000	.82859	.32331	3.04770
7.689	-2.800	24.19200	.28553	106.04000	856.25000	180.92000	9999.00000	.82224	.32359	3.04230
7.679	-2.600	24.19800	.28506	106.01000	856.07000	181.71000	9999.00000	.81834	.32300	3.03830
7.657	-2.400	24.20400	.28433	106.03000	856.23000	182.45000	9999.00000	.81678	.32221	3.02980
7.644	-2.200	24.20700	.28380	106.02000	856.19000	183.19000	9999.00000	.81416	.32141	3.02460
7.645	-2.000	24.21700	.28451	106.19000	857.58000	183.91000	9999.00000	.81640	.32103	3.02490
7.628	-1.800	24.22100	.28391	106.20000	857.70000	184.63000	9999.00000	.81781	.32098	3.01810
7.623	-1.600	24.22600	.28374	106.20000	857.71000	185.35000	9999.00000	.81707	.32072	3.01630
7.644	-1.400	24.23400	.28424	106.14000	857.23000	186.05000	9999.00000	.80803	.32050	3.02440
7.645	-1.200	24.24000	.28439	106.16000	857.45000	186.72000	9999.00000	.80865	.32047	3.02490
7.634	-1.000	24.24600	.28404	106.18000	857.58000	187.40000	9999.00000	.81127	.32051	3.02060
7.634	-.800	24.25100	.28393	106.16000	857.42000	188.09000	9999.00000	.80963	.32053	3.02060
7.642	-.600	24.25900	.28389	106.07000	856.76000	188.77000	9999.00000	.80355	.32055	3.02380
7.639	-.400	24.26500	.28396	106.12000	857.15000	189.43000	9999.00000	.79729	.32063	3.02260
7.635	-.200	24.27200	.28454	106.30000	858.67000	190.09000	9999.00000	.80340	.32059	3.02090
7.636	.000	24.27900	.28450	106.29000	858.57000	190.76000	9999.00000	.80875	.32036	3.02120
7.643	.200	24.28500	.28464	106.25000	858.30000	191.45000	9999.00000	.80499	.32049	3.02420
7.655	.400	24.29600	.28558	106.38000	859.34000	192.10000	9999.00000	.81010	.32098	3.02890
7.637	.600	24.29900	.28480	106.35000	859.18000	192.75000	9999.00000	.80387	.32163	3.02160
7.640	.800	24.30500	.28485	106.34000	859.09000	193.39000	9999.00000	.80304	.32146	3.02280
7.626	1.000	24.31000	.28434	106.33000	859.05000	194.04000	9999.00000	.80074	.32126	3.01760
7.610	1.200	24.31400	.28359	106.30000	858.79000	194.69000	9999.00000	.79222	.32081	3.01120
7.609	1.400	24.31900	.28364	106.32000	859.00000	195.28000	9999.00000	.79813	.32038	3.01080
7.585	1.600	24.32000	.28269	106.32000	858.98000	195.95000	9999.00000	.79771	.32019	3.00100
7.557	1.800	24.32100	.28134	106.23000	858.30000	196.52000	9999.00000	.79021	.31978	2.99030
7.558	2.000	24.32900	.28150	106.27000	858.64000	197.17000	9999.00000	.79139	.31882	2.99040
7.571	2.200	24.33700	.28236	106.36000	859.42000	197.77000	9999.00000	.79292	.31842	2.99570
7.552	2.400	24.34100	.28180	106.40000	859.74000	198.39000	9999.00000	.79339	.31836	2.98830
7.551	2.600	24.34600	.28172	106.39000	859.70000	199.00000	9999.00000	.78754	.31810	2.98770
7.538	2.800	24.34900	.28105	106.35000	859.35000	199.63000	9999.00000	.78199	.31806	2.98260
7.562	3.000	24.35900	.28203	106.37000	859.60000	200.26000	9999.00000	.78461	.31788	2.99190
7.547	3.200	24.36100	.28188	106.47000	860.40000	200.90000	9999.00000	.79042	.31815	2.98630
7.553	3.400	24.36800	.28181	106.40000	859.85000	201.54000	9999.00000	.79103	.31812	2.98850
7.553	3.600	24.36900	.28148	106.32000	859.21000	202.20000	9999.00000	.78514	.31813	2.98850

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DA257 (LARC 20-M6-6559) OV102

(T7E171) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2267/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.576	3.800	24.37600	.28236	106.32000	859.27000	202.91000	9999.00000	.78180	.31854	2.99770
	GRADIENT	.03482	.00108	.23393	2.01250	3.32857	.00012	.00503	.00069	.00166

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E072) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 280/ O RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.241	-4.439	26.94700	.09841	118.69000	960.76000	120.13000	9999.00000	.29443	.12020	.88663
2.238	-4.300	26.95600	.09844	118.81000	961.71000	120.25000	9999.00000	.29441	.12025	.88562
2.240	-4.100	26.95600	.09851	118.81000	961.72000	120.38000	9999.00000	.29502	.12035	.88624
2.240	-3.900	26.96100	.09847	118.78000	961.50000	120.52000	9999.00000	.29552	.12045	.88624
2.239	-3.700	26.96900	.09845	118.78000	961.57000	120.66000	9999.00000	.29527	.12052	.88604
2.238	-3.500	26.97800	.09846	118.85000	962.14000	120.83000	9999.00000	.29484	.12052	.88539
2.239	-3.300	26.98400	.09849	118.83000	962.01000	121.03000	9999.00000	.29354	.12051	.88585
2.243	-3.100	26.99000	.09859	118.75000	961.41000	121.28000	9999.00000	.29372	.12053	.88762
2.237	-2.900	26.99500	.09863	119.02000	963.57000	121.65000	9999.00000	.29344	.12056	.88507
2.235	-2.700	26.99600	.09860	119.07000	964.00000	122.08000	9999.00000	.29382	.12060	.88421
2.235	-2.500	26.99700	.09862	119.06000	963.99000	122.56000	9999.00000	.29388	.12061	.88445
2.236	-2.300	27.00300	.09865	119.05000	963.89000	123.17000	9999.00000	.29389	.12063	.88492
2.237	-2.100	27.00900	.09865	119.03000	963.81000	123.87000	9999.00000	.29339	.12064	.88506
2.234	-1.900	27.02200	.09865	119.12000	964.54000	124.72000	9999.00000	.29321	.12065	.88412
2.233	-1.700	27.03500	.09867	119.17000	965.00000	125.66000	9999.00000	.29318	.12069	.88368
2.235	-1.500	27.04200	.09871	119.15000	964.84000	126.66000	9999.00000	.29302	.12069	.88438
2.234	-1.300	27.04400	.09874	119.21000	965.37000	127.78000	9999.00000	.29274	.12069	.88394
2.234	-1.100	27.04700	.09875	119.21000	965.39000	128.85000	9999.00000	.29279	.12068	.88403
2.240	-.900	27.05100	.09876	119.04000	963.98000	130.02000	9999.00000	.29343	.12069	.88612
2.240	-.700	27.05700	.09876	119.03000	963.97000	131.16000	9999.00000	.29496	.12073	.88615
2.242	-.500	27.06500	.09876	118.97000	963.44000	132.25000	9999.00000	.29570	.12076	.88693
2.240	-.300	27.07700	.09874	118.99000	963.68000	133.37000	9999.00000	.29490	.12077	.88649
2.238	-.100	27.08700	.09872	119.07000	964.32000	134.52000	9999.00000	.29471	.12075	.88546
2.238	.100	27.09200	.09871	119.05000	964.24000	135.63000	9999.00000	.29419	.12072	.88556
2.238	.300	27.10000	.09869	119.04000	964.13000	136.75000	9999.00000	.29456	.12071	.88559
2.239	.500	27.10100	.09871	119.04000	964.14000	137.81000	9999.00000	.29498	.12071	.88576
2.240	.700	27.10700	.09874	119.01000	963.95000	138.85000	9999.00000	.29588	.12073	.88635
2.239	.900	27.10800	.09877	119.06000	964.40000	139.75000	9999.00000	.29431	.12071	.88602
2.242	1.100	27.11500	.09877	118.98000	963.73000	140.56000	9999.00000	.29426	.12069	.88702
2.249	1.300	27.12700	.09872	118.69000	961.46000	141.26000	9999.00000	.29478	.12062	.88977
2.249	1.500	27.13800	.09870	118.67000	961.27000	141.78000	9999.00000	.29469	.12060	.88984
2.248	1.700	27.14400	.09867	118.68000	961.43000	142.21000	9999.00000	.29458	.12061	.88942
2.247	1.900	27.15100	.09862	118.68000	961.42000	142.49000	9999.00000	.29438	.12061	.88906
2.244	2.100	27.15500	.09857	118.75000	962.04000	142.74000	9999.00000	.29362	.12060	.88774
2.239	2.300	27.15700	.09849	118.84000	962.79000	142.86000	9999.00000	.29219	.12058	.88608
2.237	2.500	27.16000	.09836	118.81000	962.56000	142.93000	9999.00000	.29037	.12051	.88525
2.235	2.700	27.16600	.09815	118.71000	961.77000	142.87000	9999.00000	.29096	.12047	.88449
2.235	2.900	27.17700	.09804	118.63000	961.11000	142.84000	9999.00000	.28967	.12039	.88444
2.231	3.100	27.18600	.09790	118.67000	961.47000	142.77000	9999.00000	.28790	.12032	.88275
2.230	3.300	27.19200	.09774	118.56000	960.66000	142.75000	9999.00000	.28733	.12023	.88244
	GRADIENT	.03629	-.00006	.06857	.68142	5.57857	.00000	-.00073	-.00007	-.00121

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E072) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = .000 AIRLON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 266/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60.

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN	
7.710	-4.483	26.51400	.28534	105.81000	854.87000	176.23000	.00000	.85197	.32239	3.05080	
7.707	-4.300	26.51900	.28485	105.73000	854.21000	177.51000	.00000	.86074	.32224	3.04930	
7.707	-4.100	26.52300	.28531	105.84000	855.11000	178.53000	.00000	.85385	.32195	3.04950	
7.695	-3.900	26.52700	.28524	105.93000	855.91000	179.47000	.00000	.84682	.32193	3.04470	
7.689	-3.700	26.53500	.28527	105.99000	856.38000	180.46000	.00000	.84517	.32182	3.04250	
7.686	-3.500	26.54200	.28516	106.00000	856.48000	181.42000	.00000	.84759	.32182	3.04100	
7.677	-3.300	26.54500	.28467	105.96000	856.18000	182.30000	.00000	.84880	.32169	3.03760	
7.687	-3.100	26.55600	.28501	105.95000	856.16000	183.18000	.00000	.84736	.32172	3.04140	
7.702	-2.900	26.56500	.28546	105.92000	855.94000	184.07000	.00000	.84478	.32153	3.04760	
7.694	-2.700	26.57000	.28512	105.92000	855.89000	184.88000	.00000	.84577	.32175	3.04440	
7.703	-2.500	26.57500	.28480	105.75000	854.61000	185.71000	.00000	.83844	.32166	3.04790	
7.708	-2.300	26.58700	.28538	105.85000	855.41000	186.48000	.00000	.83695	.32175	3.04990	
7.675	-2.100	26.59000	.28458	105.96000	856.29000	187.31000	.00000	.84168	.32184	3.03690	
7.682	-1.900	26.59800	.28484	105.96000	856.34000	188.10000	.00000	.84272	.32146	3.03950	
7.671	-1.700	26.60300	.28446	105.97000	856.41000	188.85000	.00000	.84789	.32119	3.03530	
7.684	-1.500	26.61300	.28493	105.97000	856.42000	189.67000	.00000	.84830	.32109	3.04030	
7.664	-1.300	26.61500	.28400	105.92000	856.05000	190.39000	.00000	.84012	.32118	3.03260	
7.666	-1.100	26.62400	.28415	105.94000	856.22000	191.14000	.00000	.84261	.32086	3.03330	
7.649	-.900	26.62600	.28347	105.93000	856.17000	191.86000	.00000	.84177	.32071	3.02650	
7.650	-.700	26.63000	.28251	105.68000	854.16000	192.64000	.00000	.83498	.32029	3.02700	
7.626	-.500	26.63400	.28193	105.76000	854.83000	193.31000	.00000	.83754	.31996	3.01750	
7.627	-.300	26.64200	.28184	105.73000	854.61000	194.03000	.00000	.83442	.31946	3.01780	
7.611	-.100	26.64600	.28167	105.83000	855.47000	194.73000	.00000	.83212	.31938	3.01150	
7.601	.100	26.65100	.28146	105.88000	855.87000	195.44000	.00000	.83086	.31878	3.00740	
7.624	.300	26.66200	.28237	105.89000	855.97000	196.15000	.00000	.83672	.31836	3.01670	
7.610	.500	26.66800	.28205	105.94000	856.42000	196.82000	.00000	.82717	.31872	3.01100	
7.622	.700	26.67700	.28267	105.98000	856.78000	197.55000	.00000	.82836	.31858	3.01590	
7.621	.900	26.68400	.28255	105.97000	856.66000	198.21000	.00000	.83300	.31877	3.01550	
7.629	1.100	26.69300	.28263	105.91000	856.25000	198.86000	.00000	.83155	.31883	3.01850	
7.624	1.300	26.69200	.28260	105.95000	856.57000	199.56000	.00000	.83010	.31883	3.01660	
7.636	1.500	26.70200	.28293	105.93000	856.39000	200.22000	.00000	.82461	.31875	3.02130	
7.650	1.700	26.70600	.28286	105.78000	855.23000	200.90000	.00000	.82087	.31883	3.02690	
7.666	1.900	26.71600	.28346	105.78000	855.28000	201.56000	.00000	.81928	.31898	3.03320	
7.663	2.100	26.72000	.28375	105.88000	856.10000	202.17000	.00000	.81996	.31927	3.03210	
7.640	2.300	26.72200	.28342	106.01000	857.18000	202.80000	.00000	.82261	.31995	3.02290	
7.642	2.500	26.73200	.28369	106.06000	857.56000	203.44000	.00000	.82019	.31999	3.02390	
7.650	2.700	26.73400	.28348	105.94000	856.60000	204.14000	.00000	.81593	.31980	3.02700	
7.647	2.900	26.74100	.28373	106.03000	857.39000	204.73000	.00000	.82007	.31982	3.02560	
7.641	3.100	26.74700	.28349	106.02000	857.33000	205.35000	.00000	.82683	.31958	3.02350	
7.645	3.300	26.75300	.28385	106.08000	857.80000	206.03000	.00000	.82161	.31982	3.02510	
7.652	3.500	26.76100	.28459	106.20000	858.81000	206.66000	.00000	.82783	.31994	3.02770	
7.632	3.700	26.76600	.28393	106.22000	859.00000	207.34000	.00000	.83158	.32009	3.01980	
		GRADIENT	.03357	.00028	.20428	1.77572	3.51714	.00000	-.00660	-.00144	-.00570

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OA257 (LARC 20-M6-6559) DV102

(T7E172) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 27.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2280/ 0 RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.241	-4.400	26.94900	.09844	118.71000	960.91000	120.20000	9999.00000	.29398	.12022	.88667
2.238	-4.200	26.95500	.09850	118.84000	962.01000	120.31000	9999.00000	.29472	.12029	.88571
2.241	-4.000	26.96100	.09849	118.76000	961.33000	120.46000	9999.00000	.29535	.12041	.88664
2.239	-3.800	26.96200	.09847	118.79000	961.63000	120.60000	9999.00000	.29557	.12049	.88603
2.239	-3.600	26.97400	.09847	118.79000	961.63000	120.75000	9999.00000	.29514	.12053	.88610
2.238	-3.400	26.98100	.09849	118.86000	962.28000	120.95000	9999.00000	.29417	.12051	.88545
2.242	-3.200	26.98700	.09853	118.74000	961.27000	121.15000	9999.00000	.29369	.12053	.88725
2.240	-3.000	26.99300	.09862	118.89000	962.57000	121.47000	9999.00000	.29368	.12054	.88634
2.235	-2.800	26.99400	.09861	119.07000	964.04000	121.84000	9999.00000	.29372	.12059	.88425
2.236	-2.600	26.99800	.09861	119.05000	963.84000	122.31000	9999.00000	.29399	.12060	.88458
2.236	-2.400	27.00000	.09864	119.06000	963.99000	122.88000	9999.00000	.29387	.12061	.88464
2.237	-2.200	27.00900	.09865	119.02000	963.71000	123.49000	9999.00000	.29373	.12063	.88519
2.235	-2.000	27.01400	.09862	119.06000	964.05000	124.26000	9999.00000	.29288	.12066	.88447
2.234	-1.800	27.03000	.09867	119.17000	964.95000	125.19000	9999.00000	.29317	.12067	.88380
2.235	-1.600	27.03700	.09870	119.14000	964.74000	126.16000	9999.00000	.29333	.12070	.88439
2.234	-1.400	27.04500	.09871	119.19000	965.15000	127.23000	9999.00000	.29256	.12069	.88395
2.234	-1.200	27.04300	.09874	119.23000	965.47000	128.32000	9999.00000	.29269	.12068	.88384
2.237	-1.000	27.04700	.09876	119.14000	964.80000	129.44000	9999.00000	.29294	.12068	.88496
2.240	-.800	27.05400	.09876	119.02000	963.84000	130.58000	9999.00000	.29443	.12071	.88629
2.241	-.600	27.06000	.09879	119.01000	963.80000	131.70000	9999.00000	.29560	.12074	.88673
2.242	-.400	27.06900	.09876	118.95000	963.36000	132.82000	9999.00000	.29544	.12077	.88704
2.239	-.200	27.08200	.09872	119.03000	964.00000	133.92000	9999.00000	.29440	.12077	.88589
2.238	.000	27.09000	.09873	119.09000	964.48000	135.07000	9999.00000	.29432	.12073	.88539
2.238	.200	27.09600	.09869	119.03000	964.03000	136.22000	9999.00000	.29430	.12071	.88565
2.238	.400	27.10100	.09871	119.06000	964.36000	137.28000	9999.00000	.29442	.12070	.88546
2.241	.600	27.10200	.09874	118.99000	963.74000	138.34000	9999.00000	.29596	.12073	.88659
2.239	.800	27.10500	.09875	119.05000	964.29000	139.30000	9999.00000	.29507	.12073	.88601
2.240	1.000	27.11200	.09878	119.03000	964.12000	140.17000	9999.00000	.29430	.12069	.88650
2.245	1.200	27.12200	.09875	118.86000	962.77000	140.93000	9999.00000	.29426	.12065	.88814
2.250	1.400	27.13400	.09872	118.65000	961.13000	141.52000	9999.00000	.29475	.12061	.89021
2.247	1.600	27.14100	.09867	118.70000	961.55000	142.02000	9999.00000	.29496	.12061	.88927
2.248	1.800	27.14700	.09866	118.68000	961.39000	142.39000	9999.00000	.29389	.12061	.88938
2.245	2.000	27.15300	.09858	118.72000	961.77000	142.63000	9999.00000	.29439	.12061	.88822
2.241	2.200	27.15600	.09850	118.80000	962.45000	142.83000	9999.00000	.29281	.12059	.88657
2.238	2.400	27.15800	.09842	118.85000	962.88000	142.91000	9999.00000	.29146	.12054	.88533
2.236	2.600	27.16100	.09823	118.76000	962.12000	142.90000	9999.00000	.29070	.12050	.88468
2.236	2.800	27.17000	.09808	118.64000	961.23000	142.86000	9999.00000	.29042	.12043	.88466
2.234	3.000	27.18200	.09801	118.65000	961.29000	142.81000	9999.00000	.28859	.12036	.88395
2.229	3.200	27.18900	.09781	118.66000	961.38000	142.76000	9999.00000	.28766	.12028	.88209
2.230	3.314	27.19300	.09773	118.55000	960.54000	142.75000	9999.00000	.28726	.12022	.88253
	GRADIENT	.03643	-.00005	.02857	.33036	5.56072	.00012	-.00019	-.00004	-.00068

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OA257 (LARC 20-M6-6559) OV102

(T7E172) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 27.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2266/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN	
7.707	-4.400	26.51800	.28491	105.73000	854.26000	177.00000	.00000	.85410	.32238	3.04960	
7.707	-4.200	26.52100	.28496	105.75000	854.43000	178.00000	.00000	.85429	.32203	3.04930	
7.703	-4.000	26.52800	.28540	105.90000	855.63000	179.00000	.00000	.85344	.32193	3.04780	
7.698	-3.800	26.53100	.28547	105.96000	856.15000	180.00000	.00000	.84347	.32181	3.04590	
7.684	-3.600	26.53900	.28511	106.00000	856.50000	180.92000	.00000	.84680	.32187	3.04030	
7.677	-3.400	26.54200	.28474	105.98000	856.32000	181.83000	.00000	.84792	.32177	3.03750	
7.688	-3.200	26.55200	.28504	105.95000	856.12000	182.76000	.00000	.84663	.32164	3.04180	
7.690	-3.000	26.55900	.28511	105.94000	856.09000	183.62000	.00000	.84519	.32166	3.04290	
7.703	-2.800	26.56700	.28545	105.91000	855.87000	184.49000	.00000	.84609	.32162	3.04790	
7.696	-2.600	26.57400	.28493	105.85000	855.41000	185.29000	.00000	.84384	.32165	3.04500	
7.705	-2.400	26.58100	.28493	105.77000	854.74000	186.09000	.00000	.83322	.32183	3.04860	
7.696	-2.200	26.58700	.28521	105.92000	856.00000	186.94000	.00000	.84183	.32177	3.04510	
7.670	-2.000	26.59200	.28437	105.96000	856.28000	187.70000	.00000	.84127	.32175	3.03470	
7.684	-1.800	26.60200	.28490	105.96000	856.31000	188.49000	.00000	.84369	.32125	3.04030	
7.676	-1.600	26.60700	.28466	105.97000	856.44000	189.25000	.00000	.85039	.32109	3.03720	
7.677	-1.400	26.61500	.28457	105.95000	856.26000	190.04000	.00000	.84245	.32118	3.03740	
7.671	-1.200	26.62200	.28425	105.92000	856.07000	190.80000	.00000	.84217	.32096	3.03520	
7.653	-1.000	26.62400	.28375	105.96000	856.40000	191.52000	.00000	.84499	.32084	3.02820	
7.650	-.800	26.62700	.28294	105.79000	855.03000	192.22000	.00000	.83825	.32053	3.02700	
7.646	-.600	26.63400	.28259	105.74000	854.64000	192.98000	.00000	.83732	.32015	3.02540	
7.624	-.400	26.63600	.28167	105.71000	854.47000	193.69000	.00000	.83559	.31968	3.01660	
7.621	-.200	26.64400	.28184	105.78000	855.02000	194.36000	.00000	.83656	.31942	3.01560	
7.601	.000	26.64600	.28142	105.86000	855.74000	195.08000	.00000	.82857	.31916	3.00750	
7.614	.200	26.65700	.28198	105.89000	855.96000	195.80000	.00000	.83610	.31845	3.01250	
7.618	.400	26.66600	.28222	105.91000	856.18000	196.44000	.00000	.83224	.31857	3.01410	
7.616	.600	26.67100	.28232	105.95000	856.53000	197.16000	.00000	.82735	.31867	3.01340	
7.627	.800	26.68200	.28279	105.97000	856.65000	197.87000	.00000	.83282	.31867	3.01800	
7.625	1.000	26.68700	.28259	105.94000	856.46000	198.54000	.00000	.83345	.31884	3.01700	
7.634	1.200	26.69300	.28283	105.92000	856.33000	199.21000	.00000	.83004	.31879	3.02040	
7.619	1.400	26.69600	.28245	105.97000	856.70000	199.88000	.00000	.82851	.31881	3.01460	
7.649	1.600	26.70600	.28312	105.85000	855.79000	200.57000	.00000	.82022	.31878	3.02660	
7.660	1.800	26.71100	.28302	105.73000	854.86000	201.23000	.00000	.82037	.31894	3.03070	
7.662	2.000	26.71600	.28351	105.83000	855.70000	201.86000	.00000	.82431	.31912	3.03160	
7.654	2.200	26.72500	.28375	105.97000	856.78000	202.49000	.00000	.81933	.31956	3.02860	
7.641	2.400	26.72800	.28358	106.04000	857.41000	203.13000	.00000	.82065	.32003	3.02350	
7.640	2.600	26.73100	.28359	106.06000	857.55000	203.77000	.00000	.82014	.31984	3.02300	
7.650	2.800	26.73800	.28358	105.96000	856.81000	204.42000	.00000	.81423	.31990	3.02690	
7.643	3.000	26.74400	.28373	106.06000	857.65000	205.06000	.00000	.82421	.31963	3.02430	
7.649	3.200	26.75000	.28375	106.02000	857.29000	205.73000	.00000	.81901	.31972	3.02650	
7.649	3.400	26.75800	.28424	106.14000	858.30000	206.35000	.00000	.82526	.31985	3.02660	
7.637	3.600	26.76200	.28418	106.24000	859.14000	207.01000	.00000	.82870	.32008	3.02160	
7.654	3.797	26.76400	.28456	106.18000	858.66000	207.82000	.00000	.82355	.32018	3.02840	
		GRADIENT	.03286	.00008	.20357	1.79107	3.47857	.00000	-.00662	-.00136	-.00787

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OA257 (LARC 20-M6-6559) OV102

(T7E073) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 279/ O RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.268	-4.719	29.39700	.09863	117.88000	953.69000	138.62000	.00000	.29469	.12023	.89749
2.278	-4.600	29.41200	.09861	117.52000	950.77000	138.65000	.00000	.29477	.12027	.90149
2.279	-4.400	29.41700	.09862	117.51000	950.73000	138.70000	.00000	.29544	.12026	.90170
2.278	-4.200	29.41500	.09863	117.53000	950.96000	138.81000	.00000	.29600	.12024	.90152
2.274	-4.000	29.41800	.09862	117.70000	952.32000	138.94000	.00000	.29611	.12030	.89957
2.267	-3.800	29.42300	.09868	117.98000	954.65000	139.19000	.00000	.29437	.12030	.89685
2.263	-3.600	29.42700	.09871	118.13000	955.85000	139.53000	.00000	.29619	.12033	.89553
2.266	-3.400	29.43200	.09879	118.10000	955.67000	139.95000	.00000	.29663	.12034	.89654
2.264	-3.200	29.43900	.09883	118.19000	956.37000	140.56000	.00000	.29589	.12036	.89589
2.266	-3.000	29.44700	.09881	118.10000	955.69000	141.24000	.00000	.29545	.12041	.89673
2.272	-2.800	29.45800	.09881	117.91000	954.15000	142.07000	.00000	.29444	.12041	.89894
2.274	-2.600	29.46900	.09878	117.81000	953.39000	142.90000	.00000	.29518	.12041	.89987
2.276	-2.400	29.47200	.09876	117.72000	952.74000	143.83000	.00000	.29501	.12039	.90060
2.274	-2.200	29.47800	.09876	117.80000	953.37000	144.78000	.00000	.29469	.12037	.89984
2.272	-2.000	29.48100	.09880	117.90000	954.21000	145.79000	.00000	.29413	.12035	.89903
2.278	-1.800	29.48800	.09879	117.68000	952.47000	146.77000	.00000	.29404	.12038	.90148
2.282	-1.600	29.49100	.09884	117.61000	951.89000	147.82000	.00000	.29361	.12033	.90277
2.276	-1.400	29.49700	.09884	117.79000	953.38000	148.75000	.00000	.29331	.12030	.90070
2.270	-1.200	29.50400	.09887	118.04000	955.44000	149.72000	.00000	.29264	.12027	.89811
2.266	-1.000	29.51400	.09887	118.17000	956.53000	150.74000	.00000	.29310	.12030	.89667
2.267	-.800	29.53000	.09889	118.16000	956.45000	151.70000	.00000	.29407	.12033	.89699
2.267	-.600	29.53800	.09886	118.15000	956.39000	152.65000	.00000	.29391	.12038	.89683
2.267	-.400	29.54600	.09890	118.16000	956.50000	153.63000	.00000	.29433	.12039	.89708
2.268	-.200	29.55400	.09895	118.17000	956.61000	154.59000	.00000	.29485	.12038	.89742
2.270	.000	29.55800	.09897	118.10000	956.10000	155.57000	.00000	.29509	.12038	.89837
2.269	.200	29.56300	.09897	118.15000	956.55000	156.54000	.00000	.29479	.12041	.89781
2.268	.400	29.56800	.09900	118.21000	957.04000	157.48000	.00000	.29533	.12042	.89748
2.270	.600	29.57600	.09905	118.17000	956.78000	158.44000	.00000	.29488	.12041	.89830
2.273	.800	29.57900	.09907	118.12000	956.33000	159.37000	.00000	.29524	.12041	.89922
2.270	1.000	29.59100	.09896	118.12000	956.36000	160.31000	.00000	.29523	.12041	.89818
2.271	1.200	29.60100	.09895	118.09000	956.18000	161.23000	.00000	.29502	.12040	.89843
2.270	1.400	29.60800	.09895	118.12000	956.47000	162.10000	.00000	.29555	.12041	.89805
2.272	1.600	29.61900	.09894	118.04000	955.84000	162.99000	.00000	.29554	.12043	.89896
2.278	1.800	29.62700	.09896	117.84000	954.25000	163.85000	.00000	.29632	.12043	.90136
2.285	2.000	29.62900	.09898	117.64000	952.63000	164.63000	.00000	.29574	.12041	.90392
2.278	2.200	29.63400	.09896	117.83000	954.22000	165.31000	.00000	.29624	.12043	.90151
2.282	2.400	29.64200	.09900	117.77000	953.71000	165.87000	.00000	.29643	.12045	.90274
2.285	2.600	29.64600	.09901	117.64000	952.69000	166.24000	.00000	.29643	.12041	.90426
2.284	2.800	29.65400	.09904	117.73000	953.47000	166.49000	.00000	.29588	.12038	.90355
2.281	3.000	29.66100	.09902	117.79000	953.99000	166.58000	.00000	.29563	.12038	.90261
2.277	3.200	29.67200	.09902	117.95000	955.27000	166.57000	.00000	.29643	.12040	.90088
2.276	3.400	29.68600	.09901	117.99000	955.63000	166.51000	.00000	.29599	.12037	.90036

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0A257 (LARC 20-M6-6559) OV102

(T7E073) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN. X0
LREF =	474.8100	INCHES	YMRP =	.0000	IN. Y0
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN. Z0
SCALE =	.0100				

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 279/ O RN/L = 2.27 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.276	3.600	29.68600	.09899	117.95000	955.38000	166.37000	.00000	.29540	.12035	.90055
	GRADIENT	.02982	.00014	.02500	.39107	4.82500	.00000	.00087	.00003	.00100

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OA257 (LARC 20-M6-6559) OV102

(T7E073) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 265/ O RN/L = 7.70 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.752	-4.648	28.98500	.28691	105.80000	854.28000	214.95000	.00000	.85306	.32412	3.06710
7.737	-4.500	28.99600	.28680	105.91000	855.17000	215.75000	.00000	.85581	.32405	3.06130
7.727	-4.300	28.99300	.28649	105.92000	855.29000	216.35000	.00000	.85490	.32369	3.05750
7.733	-4.100	28.99700	.28646	105.86000	854.86000	217.01000	.00000	.86031	.32335	3.05960
7.725	-3.900	29.00200	.28661	105.97000	855.72000	217.67000	.00000	.85814	.32321	3.05670
7.703	-3.700	29.00500	.28537	105.87000	854.97000	218.32000	.00000	.84720	.32301	3.04770
7.738	-3.500	29.01400	.28621	105.76000	854.06000	218.89000	.00000	.84930	.32255	3.06170
7.716	-3.300	29.02200	.28598	105.90000	855.25000	219.48000	.00000	.84782	.32252	3.05300
7.705	-3.100	29.03000	.28610	106.04000	856.36000	220.06000	.00000	.84799	.32240	3.04860
7.716	-2.900	29.04100	.28673	106.09000	856.78000	220.59000	.00000	.85773	.32246	3.05310
7.721	-2.700	29.05100	.28681	106.06000	856.57000	221.18000	.00000	.86036	.32272	3.05520
7.709	-2.500	29.05900	.28645	106.08000	856.79000	221.67000	.00000	.85553	.32295	3.05040
7.708	-2.300	29.06600	.28640	106.09000	856.84000	222.18000	.00000	.85170	.32256	3.04970
7.713	-2.100	29.07100	.28656	106.08000	856.83000	222.71000	.00000	.85569	.32254	3.05170
7.737	-1.900	29.08300	.28695	105.95000	855.80000	223.22000	.00000	.85416	.32270	3.06150
7.712	-1.700	29.08800	.28614	105.99000	856.11000	223.75000	.00000	.85016	.32290	3.05130
7.698	-1.500	29.08900	.28584	106.04000	856.51000	224.26000	.00000	.85551	.32263	3.04610
7.709	-1.300	29.09500	.28619	106.03000	856.50000	224.74000	.00000	.85034	.32242	3.05010
7.699	-1.100	29.09900	.28597	106.06000	856.77000	225.28000	.00000	.84853	.32250	3.04640
7.684	-.900	29.10200	.28537	106.06000	856.78000	225.76000	.00000	.84524	.32207	3.04020
7.707	-.700	29.10900	.28580	105.95000	855.90000	226.28000	.00000	.84931	.32191	3.04960
7.707	-.500	29.11800	.28591	105.98000	856.20000	226.71000	.00000	.85564	.32169	3.04930
7.707	-.300	29.12400	.28577	105.95000	855.96000	227.21000	.00000	.85037	.32179	3.04930
7.716	-.100	29.13600	.28652	106.05000	856.77000	227.69000	.00000	.84547	.32158	3.05300
7.684	.100	29.13900	.28531	106.05000	856.78000	228.18000	.00000	.85146	.32173	3.04020
7.704	.300	29.14900	.28587	106.01000	856.46000	228.66000	.00000	.84878	.32196	3.04810
7.696	.500	29.16000	.28603	106.11000	857.34000	229.13000	.00000	.84842	.32199	3.04520
7.695	.700	29.16900	.28601	106.12000	857.40000	229.57000	.00000	.84766	.32270	3.04490
7.692	.900	29.17300	.28530	105.97000	856.22000	230.01000	.00000	.84955	.32224	3.04370
7.693	1.100	29.18000	.28479	105.84000	855.20000	230.50000	.00000	.84198	.32196	3.04390
7.680	1.300	29.18700	.28492	105.99000	856.41000	230.94000	.00000	.84253	.32153	3.03890
7.659	1.500	29.19100	.28443	106.06000	857.04000	231.39000	.00000	.84105	.32120	3.03060
7.662	1.700	29.19600	.28450	106.06000	857.00000	231.80000	.00000	.84340	.32108	3.03170
7.663	1.900	29.19800	.28439	106.02000	856.74000	232.20000	.00000	.84900	.32080	3.03200
7.674	2.100	29.19900	.28393	105.80000	855.01000	232.68000	.00000	.83748	.32072	3.03650
7.648	2.300	29.20400	.28360	105.96000	856.30000	233.12000	.00000	.83884	.32034	3.02630
7.660	2.500	29.21100	.28417	106.00000	856.63000	233.59000	.00000	.84335	.31984	3.03070
7.652	2.700	29.21600	.28441	106.12000	857.67000	234.02000	.00000	.83816	.32008	3.02790
7.660	2.900	29.22700	.28487	106.17000	858.04000	234.45000	.00000	.83507	.32018	3.03100
7.660	3.100	29.23200	.28487	106.18000	858.12000	234.90000	.00000	.83410	.32039	3.03080
7.686	3.295	29.23800	.28498	105.96000	856.42000	235.33000	.00000	.83170	.32072	3.04110
	GRADIENT	.04114	-.00004	.11857	1.03000	2.42000	.00000	-.00498	.00031	-.00527

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OA257 (LARC 20-M6-6559) OV102

(T7E173) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2279/ O RN/L = 2.27 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.271	-4.700	29.40200	.09863	117.77000	952.81000	138.62000	.00000	.29454	.12024	.89874
2.278	-4.500	29.41400	.09859	117.50000	950.65000	138.67000	.00000	.29508	.12028	.90148
2.278	-4.300	29.41500	.09863	117.54000	951.00000	138.75000	.00000	.29564	.12024	.90143
2.277	-4.100	29.41800	.09862	117.57000	951.25000	138.86000	.00000	.29601	.12027	.90102
2.270	-3.900	29.42000	.09865	117.85000	953.53000	139.07000	.00000	.29505	.12030	.89809
2.264	-3.700	29.42500	.09871	118.09000	955.55000	139.35000	.00000	.29516	.12031	.89589
2.265	-3.500	29.42900	.09876	118.09000	955.53000	139.71000	.00000	.29643	.12033	.89636
2.265	-3.300	29.43700	.09883	118.15000	956.09000	140.24000	.00000	.29633	.12034	.89630
2.264	-3.100	29.44300	.09881	118.17000	956.27000	140.87000	.00000	.29598	.12038	.89589
2.269	-2.900	29.45000	.09880	118.02000	955.05000	141.64000	.00000	.29493	.12041	.89764
2.274	-2.700	29.46100	.09879	117.84000	953.61000	142.46000	.00000	.29474	.12040	.89961
2.276	-2.500	29.47000	.09877	117.75000	952.96000	143.37000	.00000	.29523	.12040	.90036
2.276	-2.300	29.47600	.09875	117.72000	952.71000	144.30000	.00000	.29478	.12037	.90065
2.273	-2.100	29.48000	.09879	117.85000	953.82000	145.30000	.00000	.29431	.12035	.89947
2.273	-1.900	29.48400	.09878	117.86000	953.90000	146.30000	.00000	.29394	.12038	.89930
2.282	-1.700	29.48900	.09880	117.57000	951.58000	147.32000	.00000	.29361	.12035	.90282
2.280	-1.500	29.49400	.09884	117.68000	952.50000	148.27000	.00000	.29348	.12032	.90195
2.273	-1.300	29.50000	.09885	117.92000	954.49000	149.22000	.00000	.29307	.12028	.89930
2.268	-1.100	29.50700	.09888	118.11000	956.05000	150.24000	.00000	.29127	.12029	.89741
2.265	-.900	29.52000	.09885	118.18000	956.66000	151.20000	.00000	.29438	.12032	.89636
2.267	-.700	29.53500	.09886	118.13000	956.25000	152.17000	.00000	.29368	.12035	.89705
2.267	-.500	29.54100	.09887	118.15000	956.42000	153.15000	.00000	.29435	.12040	.89692
2.267	-.300	29.55000	.09889	118.18000	956.69000	154.11000	.00000	.29431	.12039	.89681
2.270	-.100	29.55700	.09898	118.11000	956.19000	155.08000	.00000	.29532	.12038	.89834
2.269	.100	29.56100	.09896	118.13000	956.35000	156.06000	.00000	.29466	.12038	.89797
2.268	.300	29.56600	.09898	118.19000	956.82000	157.00000	.00000	.29534	.12041	.89754
2.269	.500	29.57000	.09903	118.21000	957.03000	157.97000	.00000	.29506	.12041	.89775
2.272	.700	29.57500	.09907	118.14000	956.50000	158.89000	.00000	.29508	.12041	.89890
2.272	.900	29.58300	.09904	118.12000	956.40000	159.85000	.00000	.29518	.12041	.89887
2.271	1.100	29.59600	.09895	118.09000	956.17000	160.76000	.00000	.29498	.12041	.89840
2.270	1.300	29.60400	.09894	118.11000	956.33000	161.67000	.00000	.29550	.12040	.89813
2.270	1.500	29.61700	.09897	118.12000	956.44000	162.58000	.00000	.29529	.12041	.89829
2.274	1.700	29.62200	.09893	117.96000	955.20000	163.44000	.00000	.29602	.12044	.89973
2.285	1.900	29.62700	.09899	117.62000	952.50000	164.24000	.00000	.29584	.12041	.90423
2.281	2.100	29.63100	.09897	117.74000	953.50000	164.98000	.00000	.29626	.12042	.90268
2.279	2.300	29.63700	.09899	117.83000	954.21000	165.60000	.00000	.29589	.12045	.90186
2.285	2.500	29.64200	.09901	117.65000	952.80000	166.07000	.00000	.29670	.12042	.90413
2.285	2.700	29.64600	.09902	117.65000	952.79000	166.38000	.00000	.29589	.12039	.90429
2.282	2.900	29.65700	.09904	117.78000	953.87000	166.53000	.00000	.29593	.12039	.90293
2.280	3.100	29.66700	.09902	117.85000	954.47000	166.58000	.00000	.29572	.12039	.90204
2.276	3.300	29.67700	.09902	117.98000	955.59000	166.56000	.00000	.29661	.12039	.90044
2.275	3.500	29.69100	.09898	117.97000	955.51000	166.48000	.00000	.29562	.12035	.90024

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) 0V102

(T7E173) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2279/ 0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.276	3.611	29.68700	.09900	117.95000	955.33000	166.35000	.00000	.29514	.12035	.90072
	GRADIENT	.02814	.00014	.05000	.51429	4.82143	.00000	.00085	.00002	.00085

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E173) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2265/ 0 RN/L = 7.70 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.743	-4.600	28.98900	.28696	105.89000	855.03000	215.39000	.00000	.85513	.32414	3.06370
7.734	-4.400	28.99400	.28666	105.90000	855.16000	216.04000	.00000	.85525	.32391	3.06000
7.726	-4.200	28.99100	.28630	105.88000	855.00000	216.68000	.00000	.85740	.32353	3.05710
7.729	-4.000	29.00200	.28668	105.95000	855.56000	217.36000	.00000	.85966	.32319	3.05830
7.710	-3.800	29.00100	.28590	105.93000	855.43000	217.98000	.00000	.85295	.32314	3.05080
7.727	-3.600	29.01000	.28589	105.78000	854.23000	218.61000	.00000	.84950	.32283	3.05730
7.732	-3.400	29.01900	.28611	105.78000	854.30000	219.19000	.00000	.84620	.32247	3.05940
7.705	-3.200	29.02700	.28589	105.98000	855.89000	219.72000	.00000	.84672	.32241	3.04860
7.713	-3.000	29.03600	.28657	106.07000	856.65000	220.32000	.00000	.85085	.32239	3.05200
7.713	-2.800	29.04500	.28658	106.08000	856.71000	220.86000	.00000	.86164	.32260	3.05200
7.720	-2.600	29.05500	.28676	106.06000	856.64000	221.41000	.00000	.85749	.32286	3.05450
7.708	-2.400	29.06000	.28641	106.09000	856.83000	221.92000	.00000	.85560	.32278	3.04980
7.713	-2.200	29.07200	.28663	106.09000	856.91000	222.49000	.00000	.85301	.32241	3.05190
7.719	-2.000	29.07700	.28651	106.01000	856.24000	222.98000	.00000	.85367	.32255	3.05430
7.728	-1.800	29.08500	.28657	105.95000	855.80000	223.48000	.00000	.85237	.32286	3.05760
7.707	-1.600	29.08900	.28609	106.02000	856.35000	223.98000	.00000	.85788	.32275	3.04960
7.706	-1.400	29.09100	.28603	106.02000	856.39000	224.51000	.00000	.85187	.32249	3.04890
7.703	-1.200	29.09700	.28604	106.04000	856.60000	224.99000	.00000	.84865	.32241	3.04800
7.689	-1.000	29.10000	.28566	106.08000	856.91000	225.51000	.00000	.84790	.32234	3.04240
7.690	-.800	29.10400	.28533	105.99000	856.22000	226.02000	.00000	.84710	.32199	3.04280
7.710	-.600	29.11700	.28602	105.98000	856.19000	226.49000	.00000	.85227	.32175	3.05050
7.706	-.400	29.12000	.28578	105.96000	855.99000	226.96000	.00000	.85500	.32171	3.04910
7.703	-.200	29.12800	.28575	105.98000	856.18000	227.47000	.00000	.84749	.32170	3.04790
7.698	.000	29.13800	.28601	106.09000	857.07000	227.96000	.00000	.84528	.32165	3.04610
7.684	.200	29.14300	.28518	106.01000	856.50000	228.41000	.00000	.85238	.32190	3.04050
7.692	.400	29.15200	.28563	106.05000	856.86000	228.89000	.00000	.84228	.32193	3.04350
7.705	.600	29.16700	.28650	106.15000	857.63000	229.36000	.00000	.84841	.32243	3.04880
7.688	.800	29.17100	.28543	106.04000	856.81000	229.82000	.00000	.84968	.32251	3.04200
7.699	1.000	29.17700	.28511	105.86000	855.38000	230.26000	.00000	.84641	.32199	3.04630
7.686	1.200	29.18300	.28481	105.91000	855.77000	230.73000	.00000	.84132	.32181	3.04120
7.658	1.400	29.18500	.28432	106.04000	856.88000	231.16000	.00000	.84490	.32128	3.03020
7.665	1.600	29.19400	.28470	106.07000	857.14000	231.57000	.00000	.84260	.32110	3.03290
7.659	1.800	29.19900	.28435	106.04000	856.92000	232.03000	.00000	.84337	.32104	3.03060
7.671	2.000	29.20100	.28410	105.87000	855.57000	232.45000	.00000	.84411	.32064	3.03520
7.660	2.200	29.20100	.28370	105.88000	855.65000	232.90000	.00000	.83921	.32064	3.03070
7.648	2.400	29.20600	.28370	105.99000	856.54000	233.35000	.00000	.84042	.31996	3.02610
7.660	2.600	29.21600	.28443	106.06000	857.16000	233.80000	.00000	.83980	.31994	3.03070
7.652	2.800	29.22100	.28451	106.16000	857.95000	234.23000	.00000	.83614	.32015	3.02760
7.667	3.000	29.23000	.28517	106.18000	858.14000	234.69000	.00000	.83516	.32027	3.03380
7.670	3.200	29.23600	.28491	106.09000	857.46000	235.13000	.00000	.83577	.32053	3.03480
	GRADIENT	.04089	.00010	.12857	1.13929	2.39464	.00000	-.00574	.00048	-.00423

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E074) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	32.500	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 296/ O RN/L = 2.25 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.255	-4.924	31.70500	.09799	117.92000	955.98000	9999.00000	.00000	.29634	.11943	.89232
2.258	-4.800	31.71500	.09796	117.78000	954.88000	9999.00000	.00000	.29703	.11932	.89360
2.254	-4.600	31.71800	.09795	117.95000	956.25000	9999.00000	.00000	.29757	.11923	.89169
2.251	-4.400	31.72000	.09795	118.02000	956.88000	9999.00000	.00000	.29744	.11912	.89082
2.249	-4.200	31.72600	.09793	118.08000	957.37000	9999.00000	.00000	.29715	.11905	.88998
2.248	-4.000	31.73200	.09793	118.12000	957.72000	9999.00000	.00000	.29690	.11897	.88953
2.254	-3.800	31.73800	.09792	117.91000	956.05000	9999.00000	.00000	.29628	.11892	.89181
2.258	-3.600	31.74300	.09790	117.74000	954.69000	9999.00000	.00000	.29574	.11888	.89360
2.255	-3.400	31.75100	.09791	117.86000	955.67000	9999.00000	.00000	.29575	.11886	.89236
2.253	-3.200	31.75800	.09793	117.94000	956.36000	9999.00000	.00000	.29540	.11880	.89162
2.254	-3.000	31.76200	.09794	117.91000	956.14000	9999.00000	.00000	.29523	.11876	.89202
2.261	-2.800	31.77000	.09794	117.67000	954.19000	9999.00000	.00000	.29517	.11878	.89481
2.257	-2.600	31.77600	.09791	117.80000	955.33000	9999.00000	.00000	.29586	.11878	.89302
2.253	-2.400	31.78400	.09793	117.97000	956.65000	9999.00000	.00000	.29539	.11879	.89139
2.253	-2.200	31.78800	.09793	117.97000	956.71000	9999.00000	.00000	.29576	.11875	.89134
2.256	-2.000	31.80000	.09790	117.83000	955.64000	9999.00000	.00000	.29571	.11868	.89258
2.253	-1.800	31.80600	.09787	117.90000	956.18000	9999.00000	.00000	.29546	.11864	.89165
2.251	-1.600	31.81500	.09789	118.01000	957.12000	9999.00000	.00000	.29467	.11861	.89057
2.246	-1.400	31.82100	.09787	118.15000	958.25000	9999.00000	.00000	.29436	.11862	.88884
2.247	-1.200	31.83000	.09786	118.13000	958.17000	9999.00000	.00000	.29427	.11858	.88892
2.246	-1.000	31.83900	.09790	118.19000	958.64000	9999.00000	.00000	.29424	.11856	.88863
2.246	-.800	31.84600	.09793	118.22000	958.92000	9999.00000	.00000	.29434	.11856	.88858
2.244	-.600	31.85300	.09789	118.26000	959.25000	9999.00000	.00000	.29368	.11855	.88783
2.245	-.400	31.86000	.09790	118.22000	958.92000	9999.00000	.00000	.29348	.11849	.88840
2.250	-.200	31.87000	.09789	118.05000	957.61000	9999.00000	.00000	.29354	.11844	.89020
2.251	.000	31.87700	.09792	118.03000	957.43000	9999.00000	.00000	.29336	.11846	.89073
2.256	.200	31.88300	.09794	117.88000	956.30000	9999.00000	.00000	.29367	.11845	.89260
2.261	.400	31.89200	.09797	117.72000	954.95000	9999.00000	.00000	.29533	.11840	.89480
2.263	.600	31.89800	.09792	117.62000	954.23000	9999.00000	.00000	.29611	.11837	.89537
2.263	.800	31.90700	.09787	117.59000	954.01000	9999.00000	.00000	.29598	.11833	.89524
2.258	1.000	31.91300	.09785	117.73000	955.12000	9999.00000	.00000	.29514	.11833	.89353
2.252	1.200	31.92100	.09778	117.91000	956.61000	9999.00000	.00000	.29459	.11830	.89092
2.252	1.400	31.93000	.09778	117.89000	956.45000	9999.00000	.00000	.29451	.11827	.89121
2.249	1.600	31.93600	.09776	117.99000	957.31000	9999.00000	.00000	.29343	.11825	.88984
2.249	1.800	31.94200	.09777	118.01000	957.51000	9999.00000	.00000	.29301	.11826	.88970
2.248	2.000	31.95000	.09774	118.01000	957.50000	9999.00000	.00000	.29310	.11827	.88949
2.248	2.200	31.95900	.09775	118.03000	957.73000	9999.00000	.00000	.29457	.11826	.88929
2.246	2.400	31.96400	.09775	118.08000	958.16000	9999.00000	.00000	.29504	.11823	.88870
	GRADIENT	.03786	.00005	-.55179	-4.34106	.00012	.00000	.00199	-.00013	.00675

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E074) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 32.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 271 / O RN/L = 7.64 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.618	-4.809	31.40400	.28345	106.15000	856.77000	195.26000	9999.00000	.85401	.32184	3.01440
7.617	-4.700	31.41500	.28328	106.12000	856.53000	195.95000	9999.00000	.85684	.32232	3.01400
7.603	-4.500	31.42000	.28336	106.27000	857.77000	196.95000	9999.00000	.85616	.32217	3.00850
7.598	-4.300	31.42600	.28365	106.39000	858.79000	197.94000	9999.00000	.86198	.32173	3.00630
7.594	-4.100	31.43500	.28386	106.48000	859.53000	198.91000	9999.00000	.85733	.32137	3.00480
7.591	-3.900	31.44100	.28373	106.48000	859.50000	199.85000	9999.00000	.86276	.32134	3.00370
7.594	-3.700	31.44900	.28366	106.43000	859.17000	200.80000	9999.00000	.86335	.32122	3.00490
7.595	-3.500	31.45400	.28365	106.42000	859.11000	201.71000	9999.00000	.86793	.32108	3.00520
7.606	-3.300	31.46400	.28402	106.42000	859.07000	202.59000	9999.00000	.86489	.32105	3.00950
7.629	-3.100	31.47800	.28489	106.41000	859.07000	203.51000	9999.00000	.86213	.32129	3.01880
7.618	-2.900	31.48200	.28453	106.43000	859.22000	204.38000	9999.00000	.85869	.32150	3.01440
7.610	-2.700	31.48100	.28385	106.34000	858.48000	205.19000	9999.00000	.85927	.32153	3.01120
7.615	-2.500	31.49000	.28406	106.35000	858.59000	206.02000	9999.00000	.86360	.32128	3.01290
7.614	-2.300	31.49600	.28407	106.36000	858.70000	206.85000	9999.00000	.86078	.32117	3.01270
7.608	-2.100	31.50100	.28382	106.35000	858.67000	207.70000	9999.00000	.85614	.32110	3.01030
7.636	-1.900	31.51500	.28492	106.37000	858.83000	208.50000	9999.00000	.85456	.32122	3.02130
7.637	-1.700	31.52100	.28483	106.34000	858.61000	209.29000	9999.00000	.86033	.32169	3.02170
7.634	-1.500	31.52800	.28460	106.31000	858.42000	210.06000	9999.00000	.86103	.32181	3.02040
7.624	-1.300	31.53400	.28418	106.30000	858.30000	210.81000	9999.00000	.86257	.32183	3.01670
7.654	-1.100	31.54600	.28475	106.16000	857.24000	211.57000	9999.00000	.86273	.32188	3.02860
7.668	-.900	31.55800	.28571	106.27000	858.17000	212.31000	9999.00000	.86092	.32205	3.03390
7.659	-.700	31.56400	.28500	106.19000	857.47000	213.02000	9999.00000	.86603	.32225	3.03030
7.659	-.500	31.57000	.28453	106.06000	856.51000	213.78000	9999.00000	.85021	.32258	3.03050
7.661	-.300	31.58200	.28463	106.07000	856.59000	214.54000	9999.00000	.85670	.32231	3.03120
7.667	-.100	31.59200	.28472	106.04000	856.39000	215.28000	9999.00000	.85747	.32228	3.03350
7.660	.100	31.60600	.28500	106.18000	857.49000	215.98000	9999.00000	.85694	.32210	3.03070
7.662	.300	31.61400	.28554	106.30000	858.46000	216.68000	9999.00000	.85585	.32218	3.03150
7.652	.500	31.62100	.28508	106.27000	858.27000	217.41000	9999.00000	.86077	.32241	3.02780
7.657	.700	31.63000	.28498	106.20000	857.76000	218.10000	9999.00000	.85724	.32234	3.02960
7.663	.900	31.63800	.28535	106.24000	858.09000	218.77000	9999.00000	.85927	.32244	3.03190
7.656	1.100	31.64600	.28505	106.23000	858.02000	219.42000	9999.00000	.86083	.32249	3.02920
7.661	1.300	31.65200	.28508	106.19000	857.69000	220.07000	9999.00000	.86627	.32220	3.03140
7.661	1.500	31.65600	.28517	106.22000	857.96000	220.77000	9999.00000	.86706	.32205	3.03110
7.650	1.700	31.66500	.28472	106.21000	857.90000	221.38000	9999.00000	.86312	.32187	3.02680
7.681	1.900	31.67300	.28577	106.18000	857.70000	222.04000	9999.00000	.86416	.32190	3.03920
7.662	2.100	31.67400	.28525	106.23000	858.12000	222.63000	9999.00000	.85974	.32207	3.03160
7.670	2.237	31.67500	.28543	106.20000	857.94000	223.84000	9999.00000	.85952	.32195	3.03470
		GRADIENT	.05214	.00082	.26857	2.21571	3.61000	.00000	.00710	-.00020

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E174) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	32.500	PHI	=	.000
SPDBRK	=	.000	AIRRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2296/ 0 RN/L = 2.25 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.257	-4.900	31.70500	.09799	117.87000	955.58000	9999.00000	.00000	.29640	.11939	.89287
2.256	-4.700	31.71800	.09795	117.84000	955.40000	9999.00000	.00000	.29728	.11929	.89281
2.252	-4.500	31.72100	.09795	118.01000	956.77000	9999.00000	.00000	.29789	.11918	.89094
2.251	-4.300	31.72500	.09793	118.03000	956.92000	9999.00000	.00000	.29706	.11908	.89057
2.248	-4.100	31.72800	.09792	118.12000	957.72000	9999.00000	.00000	.29719	.11901	.88939
2.250	-3.900	31.73400	.09794	118.06000	957.25000	9999.00000	.00000	.29646	.11894	.89029
2.257	-3.700	31.74100	.09791	117.79000	955.05000	9999.00000	.00000	.29601	.11888	.89318
2.257	-3.500	31.74500	.09790	117.80000	955.15000	9999.00000	.00000	.29592	.11887	.89300
2.255	-3.300	31.75200	.09795	117.90000	956.01000	9999.00000	.00000	.29535	.11884	.89225
2.253	-3.100	31.76100	.09794	117.98000	956.68000	9999.00000	.00000	.29558	.11878	.89129
2.257	-2.900	31.76800	.09791	117.79000	955.18000	9999.00000	.00000	.29503	.11876	.89315
2.260	-2.700	31.77100	.09793	117.69000	954.42000	9999.00000	.00000	.29551	.11877	.89442
2.254	-2.500	31.78000	.09792	117.92000	956.25000	9999.00000	.00000	.29573	.11879	.89185
2.252	-2.300	31.78700	.09792	117.99000	956.84000	9999.00000	.00000	.29553	.11877	.89107
2.254	-2.100	31.79500	.09791	117.92000	956.31000	9999.00000	.00000	.29586	.11872	.89173
2.256	-1.900	31.80100	.09788	117.83000	955.63000	9999.00000	.00000	.29567	.11866	.89247
2.252	-1.700	31.81100	.09788	117.95000	956.60000	9999.00000	.00000	.29522	.11862	.89122
2.248	-1.500	31.81900	.09787	118.09000	957.75000	9999.00000	.00000	.29463	.11861	.88950
2.246	-1.300	31.82600	.09785	118.14000	958.23000	9999.00000	.00000	.29420	.11859	.88874
2.246	-1.100	31.83400	.09786	118.15000	958.29000	9999.00000	.00000	.29430	.11855	.88878
2.246	-.900	31.84300	.09792	118.21000	958.78000	9999.00000	.00000	.29422	.11855	.88863
2.245	-.700	31.84800	.09791	118.24000	959.09000	9999.00000	.00000	.29409	.11856	.88818
2.243	-.500	31.85600	.09787	118.26000	959.26000	9999.00000	.00000	.29360	.11853	.88768
2.248	-.300	31.86500	.09790	118.12000	958.15000	9999.00000	.00000	.29347	.11845	.88949
2.249	-.100	31.87200	.09786	118.06000	957.66000	9999.00000	.00000	.29361	.11845	.88983
2.254	.100	31.87800	.09795	117.97000	956.95000	9999.00000	.00000	.29333	.11846	.89170
2.258	.300	31.88700	.09796	117.81000	955.69000	9999.00000	.00000	.29418	.11842	.89363
2.262	.500	31.89600	.09794	117.65000	954.45000	9999.00000	.00000	.29611	.11839	.89519
2.263	.700	31.90200	.09790	117.60000	954.04000	9999.00000	.00000	.29608	.11835	.89553
2.262	.900	31.90900	.09787	117.60000	954.09000	9999.00000	.00000	.29574	.11834	.89518
2.254	1.100	31.91600	.09782	117.85000	956.13000	9999.00000	.00000	.29472	.11832	.89192
2.253	1.300	31.92400	.09779	117.88000	956.39000	9999.00000	.00000	.29473	.11829	.89132
2.251	1.500	31.93200	.09777	117.93000	956.80000	9999.00000	.00000	.29407	.11826	.89064
2.249	1.700	31.94100	.09778	118.00000	957.38000	9999.00000	.00000	.29322	.11826	.88995
2.248	1.900	31.94600	.09774	118.01000	957.51000	9999.00000	.00000	.29289	.11826	.88941
2.249	2.100	31.95700	.09781	118.02000	957.62000	9999.00000	.00000	.29378	.11826	.88996
2.246	2.300	31.96300	.09774	118.07000	958.02000	9999.00000	.00000	.29476	.11825	.88886
2.246	2.445	31.96700	.09771	118.05000	957.92000	9999.00000	.00000	.29540	.11820	.88874
	GRADIENT	.03886	.00008	-.58143	-4.59144	.00000	.00000	.00206	-.00011	.00741

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OA257 (LARC 20-M6-6559) OV102

(T7E174) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SO.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	32.500	PHI	=	.000
SPDBRK	=	.000	AIRRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2271/ O RN/L = 7.64 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.618	-4.800	31.40600	.28343	106.15000	856.74000	195.33000	9999.00000	.85405	.32190	3.01430
7.616	-4.600	31.41800	.28349	106.19000	857.07000	196.48000	9999.00000	.85699	.32238	3.01340
7.599	-4.400	31.42100	.28343	106.33000	858.24000	197.45000	9999.00000	.85853	.32194	3.00670
7.595	-4.200	31.43100	.28375	106.44000	859.21000	198.40000	9999.00000	.86321	.32154	3.00520
7.588	-4.000	31.43800	.28365	106.49000	859.57000	199.40000	9999.00000	.85968	.32138	3.00240
7.596	-3.800	31.44500	.28376	106.44000	859.20000	200.31000	9999.00000	.86604	.32124	3.00570
7.592	-3.600	31.45200	.28359	106.44000	859.22000	201.24000	9999.00000	.86386	.32116	3.00390
7.597	-3.400	31.46000	.28372	106.42000	859.12000	202.16000	9999.00000	.86697	.32101	3.00600
7.621	-3.200	31.47300	.28458	106.41000	859.07000	203.06000	9999.00000	.86484	.32117	3.01550
7.621	-3.000	31.47900	.28465	106.43000	859.21000	203.92000	9999.00000	.85903	.32138	3.01560
7.614	-2.800	31.48200	.28424	106.39000	858.94000	204.78000	9999.00000	.86213	.32156	3.01280
7.611	-2.600	31.48300	.28384	106.32000	858.39000	205.61000	9999.00000	.86109	.32144	3.01160
7.612	-2.400	31.49100	.28403	106.36000	858.73000	206.44000	9999.00000	.86112	.32122	3.01200
7.611	-2.200	31.49800	.28399	106.37000	858.81000	207.27000	9999.00000	.86111	.32111	3.01140
7.626	-2.000	31.50800	.28441	106.34000	858.55000	208.08000	9999.00000	.85378	.32115	3.01730
7.636	-1.800	31.51700	.28491	106.37000	858.84000	208.90000	9999.00000	.85467	.32147	3.02130
7.634	-1.600	31.52400	.28468	106.32000	858.50000	209.67000	9999.00000	.86042	.32179	3.02070
7.628	-1.400	31.52900	.28438	106.30000	858.36000	210.43000	9999.00000	.86508	.32186	3.01840
7.639	-1.200	31.53800	.28448	106.23000	857.79000	211.18000	9999.00000	.86184	.32180	3.02260
7.666	-1.000	31.55500	.28535	106.20000	857.53000	211.91000	9999.00000	.86400	.32193	3.03340
7.654	-.800	31.56100	.28516	106.27000	858.11000	212.66000	9999.00000	.86476	.32215	3.02850
7.661	-.600	31.56700	.28470	106.09000	856.68000	213.40000	9999.00000	.85887	.32241	3.03130
7.660	-.400	31.57600	.28481	106.12000	857.01000	214.17000	9999.00000	.85268	.32251	3.03090
7.671	-.200	31.58800	.28470	106.00000	856.02000	214.90000	9999.00000	.85885	.32220	3.03510
7.659	.000	31.59800	.28476	106.13000	857.07000	215.65000	9999.00000	.85993	.32224	3.03040
7.673	.200	31.61200	.28580	106.25000	858.12000	216.34000	9999.00000	.85230	.32207	3.03590
7.656	.400	31.61700	.28526	106.28000	858.33000	217.05000	9999.00000	.85990	.32230	3.02930
7.648	.600	31.62200	.28479	106.23000	858.00000	217.76000	9999.00000	.85991	.32239	3.02620
7.663	.800	31.63500	.28525	106.22000	857.88000	218.45000	9999.00000	.86047	.32233	3.03190
7.654	1.000	31.63800	.28502	106.24000	858.12000	219.09000	9999.00000	.85814	.32259	3.02830
7.663	1.200	31.64900	.28524	106.22000	857.91000	219.73000	9999.00000	.86453	.32236	3.03190
7.665	1.400	31.65800	.28522	106.19000	857.69000	220.42000	9999.00000	.86685	.32206	3.03300
7.649	1.600	31.65800	.28479	106.23000	858.05000	221.07000	9999.00000	.86280	.32197	3.02670
7.665	1.800	31.66800	.28512	106.17000	857.60000	221.70000	9999.00000	.86316	.32186	3.03270
7.677	2.000	31.67800	.28580	106.23000	858.10000	222.31000	9999.00000	.85903	.32200	3.03750
7.664	2.200	31.67500	.28527	106.22000	858.02000	223.07000	9999.00000	.86102	.32200	3.03240
	GRADIENT	.04839	.00041	.17679	1.55358	3.62143	.00012	.00197	-.00011	-.00316

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OA257 (LARC 20-M6-6559) OV102

(T7E075) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 35.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 293/0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.266	-4.676	34.25600	.09824	117.75000	954.70000	-68.79700	.00000	.30028	.11920	.89658
2.263	-4.500	34.27000	.09827	117.87000	955.72000	-68.90500	.00000	.30047	.11892	.89541
2.262	-4.300	34.27500	.09826	117.89000	955.92000	-69.07300	.00000	.30069	.11899	.89508
2.268	-4.100	34.27300	.09828	117.69000	954.31000	-69.14300	.00000	.30179	.11892	.89758
2.276	-3.900	34.28000	.09829	117.45000	952.40000	-69.28900	.00000	.30284	.11883	.90042
2.272	-3.700	34.28400	.09829	117.60000	953.59000	-69.43700	.00000	.30255	.11875	.89882
2.273	-3.500	34.28800	.09830	117.58000	953.44000	-69.54000	.00000	.30234	.11873	.89920
2.273	-3.300	34.29500	.09826	117.52000	953.05000	-69.62800	.00000	.30295	.11871	.89945
2.270	-3.100	34.30500	.09825	117.64000	954.01000	-69.74600	.00000	.30303	.11868	.89799
2.266	-2.900	34.31700	.09824	117.77000	955.07000	-69.84900	.00000	.30287	.11865	.89645
2.263	-2.700	34.32700	.09820	117.82000	955.52000	-69.95300	.00000	.30292	.11868	.89557
2.264	-2.500	34.33700	.09820	117.80000	955.37000	-70.10100	.00000	.30267	.11866	.89575
2.264	-2.300	34.34500	.09820	117.79000	955.35000	-70.17700	.00000	.30343	.11865	.89584
2.265	-2.100	34.35000	.09819	117.75000	955.00000	-70.29700	.00000	.30390	.11862	.89636
2.261	-1.900	34.35300	.09819	117.89000	956.18000	-70.38200	.00000	.30538	.11859	.89470
2.265	-1.700	34.35900	.09822	117.79000	955.43000	-70.54100	.00000	.30464	.11859	.89611
2.271	-1.500	34.36700	.09822	117.57000	953.63000	-70.65200	.00000	.30396	.11860	.89870
2.267	-1.300	34.37300	.09818	117.68000	954.56000	-70.81100	.00000	.30340	.11857	.89703
2.266	-1.100	34.38100	.09817	117.71000	954.81000	-70.88500	.00000	.30408	.11856	.89668
2.266	-.900	34.39700	.09818	117.72000	954.96000	-70.97400	.00000	.30456	.11858	.89657
2.267	-.700	34.40900	.09817	117.69000	954.75000	-71.09300	.00000	.30518	.11859	.89686
2.265	-.500	34.42000	.09815	117.73000	955.09000	-71.19500	.00000	.30494	.11857	.89622
2.272	-.300	34.42800	.09817	117.52000	953.42000	-71.32800	.00000	.30386	.11852	.89881
2.276	-.100	34.43300	.09815	117.36000	952.14000	-71.42300	.00000	.30429	.11853	.90046
2.270	.100	34.43700	.09815	117.58000	953.93000	-71.57000	.00000	.30428	.11853	.89803
2.265	.300	34.44300	.09815	117.74000	955.29000	-71.68300	.00000	.30347	.11851	.89619
2.268	.500	34.44900	.09815	117.63000	954.41000	-71.81700	.00000	.30330	.11853	.89743
2.269	.700	34.45700	.09815	117.59000	954.08000	-71.92700	.00000	.30339	.11854	.89794
2.269	.900	34.46800	.09812	117.59000	954.14000	-72.06200	.00000	.30419	.11856	.89765
2.272	1.100	34.48000	.09817	117.51000	953.51000	-72.15500	.00000	.30524	.11851	.89904
2.270	1.300	34.49400	.09818	117.61000	954.30000	-72.28100	.00000	.30586	.11849	.89803
2.268	1.500	34.50200	.09819	117.68000	954.95000	-72.39600	.00000	.30578	.11840	.89732
2.272	1.700	34.50900	.09822	117.56000	953.99000	-72.51300	.00000	.30450	.11843	.89901
2.277	1.900	34.51300	.09819	117.36000	952.37000	-72.64600	.00000	.30567	.11843	.90103
2.275	2.100	34.51700	.09815	117.41000	952.85000	-72.76400	.00000	.30509	.11846	.90006
2.270	2.300	34.52200	.09813	117.56000	954.03000	-72.89500	.00000	.30648	.11849	.89825
2.267	2.500	34.53100	.09813	117.66000	954.90000	-73.01000	.00000	.30594	.11851	.89709
2.265	2.634	34.53100	.09811	117.71000	955.35000	-73.11300	.00000	.30577	.11852	.89626
	GRADIENT	.02771	-.00001	.05429	.57144	-.61743	.00000	-.00134	-.00003	-.00061

DATE 14 DEC 82

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OA257 (LARC 20-M6-6559) DV102

(T7E075) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	35.000	PHI	=	.000
SPDBRK	=	.000	AIRRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 272/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.613	-4.892	33.85400	.28517	106.62000	860.45000	216.90000	9999.00000	.86837	.32310	3.01240
7.608	-4.700	33.86600	.28543	106.74000	861.41000	217.89000	9999.00000	.87002	.32319	3.01030
7.623	-4.500	33.87100	.28598	106.73000	861.39000	218.69000	9999.00000	.87120	.32302	3.01640
7.608	-4.300	33.87000	.28503	106.64000	860.72000	219.49000	9999.00000	.87072	.32321	3.01010
7.612	-4.100	33.87700	.28510	106.62000	860.54000	220.32000	9999.00000	.86832	.32292	3.01190
7.609	-3.900	33.88500	.28507	106.64000	860.75000	221.10000	9999.00000	.86984	.32272	3.01070
7.636	-3.700	33.89900	.28621	106.67000	861.02000	221.88000	9999.00000	.86971	.32265	3.02150
7.640	-3.500	33.90300	.28530	106.42000	858.98000	222.66000	9999.00000	.86519	.32274	3.02280
7.648	-3.300	33.91300	.28568	106.43000	859.12000	223.45000	9999.00000	.86972	.32279	3.02630
7.631	-3.100	33.92400	.28545	106.54000	860.02000	224.18000	9999.00000	.87818	.32283	3.01930
7.633	-2.900	33.93400	.28573	106.59000	860.45000	224.92000	9999.00000	.87249	.32287	3.02010
7.639	-2.700	33.94600	.28579	106.55000	860.16000	225.65000	9999.00000	.87205	.32303	3.02240
7.644	-2.500	33.95700	.28590	106.53000	860.02000	226.37000	9999.00000	.87322	.32343	3.02450
7.643	-2.300	33.96700	.28593	106.55000	860.20000	227.02000	9999.00000	.87945	.32344	3.02400
7.633	-2.100	33.97800	.28559	106.55000	860.26000	227.73000	9999.00000	.87324	.32317	3.02030
7.648	-1.900	33.98700	.28601	106.52000	860.02000	228.39000	9999.00000	.87625	.32304	3.02620
7.663	-1.700	34.00000	.28632	106.46000	859.55000	229.06000	9999.00000	.87170	.32324	3.03220
7.657	-1.500	34.00600	.28619	106.49000	859.80000	229.71000	9999.00000	.87198	.32366	3.02960
7.652	-1.300	34.01100	.28587	106.45000	859.52000	230.37000	9999.00000	.87698	.32346	3.02790
7.664	-1.100	34.01500	.28537	106.22000	857.71000	231.01000	9999.00000	.86406	.32324	3.03230
7.659	-.900	34.01900	.28549	106.30000	858.31000	231.64000	9999.00000	.86394	.32320	3.03060
7.651	-.700	34.02700	.28515	106.29000	858.28000	232.27000	9999.00000	.86341	.32284	3.02730
7.640	-.500	34.02900	.28483	106.31000	858.49000	232.89000	9999.00000	.87011	.32251	3.02290
7.638	-.300	34.03400	.28428	106.19000	857.56000	233.48000	9999.00000	.86338	.32209	3.02220
7.620	-.100	34.03600	.28364	106.20000	857.63000	234.09000	9999.00000	.86553	.32171	3.01520
7.614	.100	34.04200	.28370	106.28000	858.31000	234.66000	9999.00000	.86910	.32142	3.01250
7.607	.300	34.05000	.28367	106.34000	858.79000	235.21000	9999.00000	.86837	.32100	3.00980
7.596	.500	34.05500	.28353	106.40000	859.33000	235.76000	9999.00000	.86460	.32066	3.00560
7.598	.700	34.06000	.28337	106.34000	858.88000	236.31000	9999.00000	.86266	.32053	3.00650
7.586	.900	34.06600	.28291	106.35000	858.95000	236.84000	9999.00000	.86200	.32040	3.00150
7.610	1.100	34.07900	.28380	106.35000	858.95000	237.35000	9999.00000	.85755	.32029	3.01110
7.624	1.300	34.08800	.28387	106.23000	858.07000	237.91000	9999.00000	.86177	.32054	3.01650
7.619	1.500	34.09400	.28386	106.28000	858.48000	238.40000	9999.00000	.86001	.32059	3.01450
7.622	1.700	34.10400	.28403	106.30000	858.61000	238.88000	9999.00000	.86628	.32063	3.01570
7.636	1.900	34.11600	.28479	106.36000	859.12000	239.41000	9999.00000	.87287	.32081	3.02130
7.636	2.100	34.11900	.28392	106.14000	857.43000	239.93000	9999.00000	.86804	.32126	3.02120
	GRADIENT	.02629	-.00118	.14000	1.22429	2.87286	.00000	-.00129	-.00183	-.01806

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E175) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 35.000 PHI = .000
 SPDBRK = .000 AIRRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2293/ 0 RN/L = 2.27 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.264	-4.600	34.26600	.09825	117.82000	955.27000	-68.89000	.00000	.30067	.11897	.89591
2.263	-4.400	34.27100	.09827	117.88000	955.80000	-68.97200	.00000	.30062	.11904	.89536
2.265	-4.200	34.27300	.09827	117.82000	955.34000	-69.10000	.00000	.30080	.11895	.89602
2.272	-4.000	34.27700	.09827	117.55000	953.19000	-69.22600	.00000	.30297	.11888	.89914
2.275	-3.800	34.28100	.09830	117.49000	952.67000	-69.34300	.00000	.30229	.11879	.90021
2.271	-3.600	34.28500	.09830	117.64000	953.91000	-69.44800	.00000	.30276	.11875	.89845
2.274	-3.400	34.29000	.09828	117.51000	952.94000	-69.59600	.00000	.30235	.11872	.89968
2.271	-3.200	34.29900	.09826	117.59000	953.59000	-69.68300	.00000	.30301	.11871	.89866
2.267	-3.000	34.31000	.09823	117.70000	954.55000	-69.81600	.00000	.30306	.11866	.89714
2.265	-2.800	34.32000	.09823	117.80000	955.32000	-69.90300	.00000	.30304	.11867	.89603
2.263	-2.600	34.33200	.09819	117.82000	955.58000	-70.03700	.00000	.30298	.11867	.89540
2.266	-2.400	34.34200	.09824	117.77000	955.12000	-70.11400	.00000	.30269	.11866	.89653
2.265	-2.200	34.34700	.09822	117.76000	955.13000	-70.21100	.00000	.30347	.11864	.89640
2.263	-2.000	34.35200	.09819	117.83000	955.67000	-70.34600	.00000	.30506	.11861	.89540
2.262	-1.800	34.35800	.09821	117.86000	955.98000	-70.48600	.00000	.30487	.11859	.89519
2.269	-1.600	34.36300	.09821	117.65000	954.27000	-70.60900	.00000	.30423	.11859	.89764
2.270	-1.400	34.36700	.09820	117.60000	953.87000	-70.73500	.00000	.30362	.11859	.89819
2.265	-1.200	34.37800	.09817	117.76000	955.20000	-70.85000	.00000	.30361	.11856	.89610
2.266	-1.000	34.39000	.09815	117.71000	954.88000	-70.93300	.00000	.30430	.11858	.89644
2.266	-.800	34.40300	.09817	117.70000	954.79000	-71.02500	.00000	.30489	.11859	.89679
2.266	-.600	34.41700	.09816	117.71000	954.87000	-71.11700	.00000	.30523	.11858	.89665
2.267	-.400	34.42300	.09815	117.68000	954.71000	-71.23700	.00000	.30443	.11854	.89683
2.276	-.200	34.42900	.09816	117.38000	952.28000	-71.33700	.00000	.30396	.11851	.90040
2.274	.000	34.43400	.09816	117.44000	952.76000	-71.50100	.00000	.30401	.11855	.89969
2.266	.200	34.44000	.09813	117.70000	954.96000	-71.58700	.00000	.30391	.11851	.89645
2.267	.400	34.44400	.09815	117.68000	954.76000	-71.73500	.00000	.30294	.11852	.89694
2.269	.600	34.45300	.09816	117.59000	954.12000	-71.86200	.00000	.30346	.11854	.89798
2.269	.800	34.46000	.09815	117.60000	954.23000	-72.00000	.00000	.30387	.11855	.89773
2.270	1.000	34.47300	.09814	117.56000	953.89000	-72.12200	.00000	.30450	.11853	.89816
2.272	1.200	34.48700	.09818	117.54000	953.72000	-72.19500	.00000	.30560	.11850	.89882
2.269	1.400	34.49800	.09818	117.65000	954.64000	-72.33200	.00000	.30564	.11843	.89762
2.269	1.600	34.50600	.09822	117.66000	954.82000	-72.44400	.00000	.30525	.11841	.89780
2.275	1.800	34.51100	.09821	117.44000	952.99000	-72.57100	.00000	.30478	.11843	.90031
2.278	2.000	34.51700	.09818	117.33000	952.12000	-72.70400	.00000	.30536	.11842	.90136
2.272	2.200	34.51800	.09814	117.50000	953.57000	-72.81900	.00000	.30561	.11847	.89892
2.268	2.400	34.52700	.09812	117.62000	954.59000	-72.95100	.00000	.30609	.11851	.89737
2.266	2.600	34.53200	.09811	117.69000	955.19000	-73.08200	.00000	.30593	.11851	.89652
GRADIENT	.02875	-.00001	-.00714	.09466	-.62161	.00000	-.00149	-.00003	.00005	

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E175) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 35.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2272/ O RN/L = 7.63 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.618	-4.800	33.86400	.28562	106.69000	861.04000	217.47000	9999.00000	.87009	.32324	3.01420
7.608	-4.600	33.86400	.28538	106.73000	861.38000	218.28000	9999.00000	.87026	.32305	3.01010
7.619	-4.400	33.87000	.28578	106.72000	861.32000	219.12000	9999.00000	.87192	.32314	3.01480
7.609	-4.200	33.87100	.28491	106.61000	860.42000	219.91000	9999.00000	.86896	.32310	3.01050
7.607	-4.000	33.88200	.28503	106.65000	860.77000	220.68000	9999.00000	.86734	.32278	3.01000
7.632	-3.800	33.89500	.28595	106.65000	860.84000	221.50000	9999.00000	.86971	.32261	3.01960
7.623	-3.600	33.90100	.28542	106.60000	860.41000	222.28000	9999.00000	.86957	.32276	3.01640
7.652	-3.400	33.90800	.28551	106.36000	858.50000	223.05000	9999.00000	.86708	.32284	3.02770
7.640	-3.200	33.91800	.28562	106.50000	859.66000	223.83000	9999.00000	.87256	.32278	3.02280
7.622	-3.000	33.92600	.28526	106.57000	860.27000	224.58000	9999.00000	.87536	.32296	3.01600
7.632	-2.800	33.93800	.28572	106.59000	860.48000	225.28000	9999.00000	.87085	.32292	3.01990
7.645	-2.600	33.95500	.28599	106.54000	860.07000	225.98000	9999.00000	.87166	.32329	3.02510
7.647	-2.400	33.96300	.28591	106.50000	859.79000	226.68000	9999.00000	.87865	.32346	3.02590
7.629	-2.200	33.96800	.28550	106.57000	860.40000	227.38000	9999.00000	.87920	.32328	3.01850
7.643	-2.000	33.98100	.28588	106.54000	860.17000	228.02000	9999.00000	.87145	.32308	3.02400
7.665	-1.800	33.99400	.28643	106.47000	859.60000	228.74000	9999.00000	.87214	.32301	3.03300
7.658	-1.600	34.00200	.28621	106.48000	859.72000	229.41000	9999.00000	.87200	.32362	3.03010
7.656	-1.400	34.00800	.28615	106.49000	859.79000	230.04000	9999.00000	.87320	.32355	3.02930
7.656	-1.200	34.01300	.28568	106.37000	858.88000	230.69000	9999.00000	.87367	.32338	3.02940
7.667	-1.000	34.01600	.28557	106.24000	857.88000	231.32000	9999.00000	.86263	.32324	3.03360
7.658	-.800	34.02500	.28538	106.28000	858.19000	231.95000	9999.00000	.86474	.32306	3.03010
7.646	-.600	34.03000	.28501	106.30000	858.38000	232.55000	9999.00000	.86912	.32264	3.02540
7.638	-.400	34.03400	.28465	106.29000	858.30000	233.20000	9999.00000	.86534	.32236	3.02220
7.637	-.200	34.03300	.28413	106.17000	857.34000	233.80000	9999.00000	.86264	.32177	3.02180
7.622	.000	34.03900	.28384	106.24000	857.94000	234.37000	9999.00000	.86943	.32154	3.01590
7.606	.200	34.04700	.28353	106.31000	858.52000	234.93000	9999.00000	.86928	.32124	3.00970
7.609	.400	34.05400	.28393	106.39000	859.20000	235.48000	9999.00000	.86622	.32071	3.01050
7.595	.600	34.05800	.28340	106.38000	859.17000	236.02000	9999.00000	.86389	.32061	3.00520
7.594	.800	34.06500	.28319	106.34000	858.88000	236.58000	9999.00000	.86113	.32050	3.00470
7.597	1.000	34.07100	.28330	106.34000	858.88000	237.10000	9999.00000	.86297	.32029	3.00600
7.611	1.200	34.08300	.28366	106.30000	858.62000	237.62000	9999.00000	.85608	.32040	3.01130
7.627	1.400	34.09200	.28405	106.25000	858.23000	238.11000	9999.00000	.86639	.32063	3.01770
7.621	1.600	34.10100	.28397	106.29000	858.54000	238.63000	9999.00000	.85985	.32062	3.01540
7.628	1.800	34.11300	.28438	106.32000	858.85000	239.18000	9999.00000	.86745	.32064	3.01830
7.636	2.000	34.11900	.28443	106.27000	858.44000	239.67000	9999.00000	.87170	.32105	3.02120
7.615	2.186	34.12600	.28372	106.29000	858.68000	241.20000	9999.00000	.85843	.32129	3.01290
	GRADIENT	.02464	-.00123	.10357	.95537	2.87500	.00012	-.00130	-.00177	-.01716

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E076) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 37.500 PHI = .000
 SPDBRK = .000 AIRLON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 294/0 RN/L = 2.22 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.232	-5.068	36.79200	.09745	118.33000	959.98000	-198.75000	.00000	.32113	.11874	.88302
2.232	-4.900	36.80500	.09740	118.28000	959.56000	-198.82000	.00000	.32085	.11876	.88325
2.224	-4.700	36.80700	.09735	118.54000	961.67000	-198.86000	.00000	.32249	.11878	.87993
2.219	-4.500	36.81900	.09732	118.69000	962.92000	-198.91000	.00000	.32293	.11878	.87797
2.216	-4.300	36.83300	.09723	118.70000	963.07000	-198.94000	.00000	.32211	.11876	.87700
2.218	-4.100	36.84200	.09717	118.59000	962.16000	-198.98000	.00000	.32211	.11871	.87771
2.220	-3.900	36.84600	.09711	118.49000	961.41000	-199.04000	.00000	.32198	.11864	.87822
2.223	-3.700	36.84800	.09707	118.36000	960.32000	-199.15000	.00000	.32416	.11856	.87946
2.220	-3.500	36.85200	.09702	118.40000	960.71000	-199.21000	.00000	.32459	.11846	.87853
2.220	-3.300	36.85700	.09701	118.39000	960.66000	-199.27000	.00000	.32535	.11841	.87847
2.219	-3.100	36.86400	.09699	118.44000	961.03000	-199.34000	.00000	.32526	.11838	.87787
2.214	-2.900	36.87400	.09696	118.56000	962.09000	-199.42000	.00000	.32417	.11835	.87619
2.214	-2.700	36.89200	.09693	118.56000	962.09000	-199.45000	.00000	.32479	.11830	.87597
2.211	-2.500	36.90500	.09690	118.65000	962.85000	-199.50000	.00000	.32526	.11825	.87473
2.210	-2.300	36.91000	.09693	118.70000	963.31000	-199.51000	.00000	.32795	.11820	.87437
2.213	-2.100	36.91400	.09696	118.61000	962.57000	-199.59000	.00000	.32832	.11815	.87571
2.220	-1.900	36.92100	.09697	118.39000	960.83000	-199.65000	.00000	.32941	.11813	.87821
2.222	-1.700	36.92400	.09698	118.31000	960.22000	-199.78000	.00000	.33060	.11811	.87925
2.221	-1.500	36.93400	.09692	118.32000	960.31000	-199.82000	.00000	.33025	.11810	.87862
2.221	-1.300	36.94600	.09688	118.28000	960.02000	-199.89000	.00000	.32996	.11803	.87869
2.219	-1.100	36.96200	.09686	118.32000	960.36000	-199.89000	.00000	.33035	.11799	.87808
2.222	-.900	36.97300	.09686	118.23000	959.61000	-199.97000	.00000	.33219	.11793	.87914
2.229	-.700	36.98400	.09689	118.00000	957.78000	-200.02000	.00000	.33192	.11791	.88204
2.227	-.500	36.98600	.09687	118.04000	958.11000	-200.12000	.00000	.33192	.11790	.88136
2.229	-.300	36.98900	.09688	117.99000	957.78000	-200.20000	.00000	.33374	.11784	.88200
2.228	-.100	36.99700	.09690	118.06000	958.33000	-200.26000	.00000	.33279	.11776	.88147
2.227	.100	37.00100	.09685	118.05000	958.31000	-200.25000	.00000	.33271	.11777	.88105
2.226	.300	37.01600	.09681	118.04000	958.22000	-200.35000	.00000	.33348	.11779	.88086
2.226	.500	37.02900	.09681	118.05000	958.31000	-200.37000	.00000	.33219	.11779	.88079
2.223	.700	37.04300	.09677	118.11000	958.87000	-200.42000	.00000	.33346	.11780	.87976
2.220	.900	37.04900	.09679	118.26000	960.10000	-200.50000	.00000	.33417	.11778	.87827
2.221	1.100	37.05300	.09683	118.24000	959.97000	-200.56000	.00000	.33462	.11777	.87883
2.222	1.300	37.05800	.09680	118.19000	959.60000	-200.63000	.00000	.33390	.11774	.87917
2.224	1.500	37.06400	.09678	118.10000	958.87000	-200.70000	.00000	.33389	.11773	.87999
2.226	1.700	37.07200	.09674	118.00000	958.05000	-200.74000	.00000	.33376	.11776	.88081
2.227	1.900	37.08500	.09674	117.98000	957.93000	-200.79000	.00000	.33354	.11771	.88098
2.226	2.100	37.10200	.09674	118.01000	958.18000	-200.87000	.00000	.33327	.11765	.88074
2.226	2.224	37.10500	.09677	118.02000	958.31000	-200.96000	.00000	.33301	.11765	.88086
	GRADIENT	.04286	-.00008	.02714	.32857	-.24143	.00000	.00007	-.00010	-.00096

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E076) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 37.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 273/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.710	-5.109	36.37300	.28827	106.46000	858.61000	202.62000	9999.00000	.88934	.32594	3.05070
7.718	-5.000	36.38100	.28848	106.44000	858.46000	203.76000	9999.00000	.88769	.32599	3.05390
7.722	-4.800	36.38500	.28857	106.43000	858.41000	204.82000	9999.00000	.89387	.32618	3.05530
7.730	-4.600	36.39600	.28892	106.45000	858.54000	205.88000	9999.00000	.89424	.32624	3.05840
7.723	-4.400	36.40000	.28894	106.51000	859.08000	206.96000	9999.00000	.89549	.32641	3.05590
7.741	-4.200	36.41500	.28994	106.59000	859.76000	208.03000	9999.00000	.88693	.32675	3.06300
7.726	-4.000	36.41900	.28939	106.60000	859.87000	209.08000	9999.00000	.89287	.32712	3.05680
7.735	-3.800	36.43000	.28973	106.60000	859.85000	210.11000	9999.00000	.89437	.32756	3.06060
7.721	-3.600	36.43600	.28914	106.58000	859.72000	211.17000	9999.00000	.90022	.32762	3.05520
7.713	-3.400	36.45100	.28885	106.59000	859.77000	212.08000	9999.00000	.89797	.32724	3.05200
7.710	-3.200	36.46300	.28876	106.59000	859.86000	213.10000	9999.00000	.89002	.32718	3.05080
7.683	-3.000	36.46800	.28778	106.60000	859.97000	214.06000	9999.00000	.89347	.32692	3.04000
7.676	-2.800	36.47100	.28714	106.51000	859.26000	215.02000	9999.00000	.89067	.32641	3.03720
7.662	-2.600	36.47900	.28700	106.61000	860.08000	215.95000	9999.00000	.88552	.32573	3.03150
7.641	-2.400	36.48300	.28666	106.72000	860.98000	216.90000	9999.00000	.90032	.32565	3.02340
7.626	-2.200	36.48500	.28578	106.64000	860.37000	217.83000	9999.00000	.88455	.32505	3.01740
7.633	-2.000	36.49300	.28599	106.63000	860.27000	218.76000	9999.00000	.88728	.32439	3.02030
7.601	-1.800	36.49300	.28526	106.75000	861.25000	219.70000	9999.00000	.88046	.32405	3.00750
7.594	-1.600	36.50100	.28546	106.87000	862.23000	220.57000	9999.00000	.88265	.32353	3.00470
7.602	-1.400	36.51200	.28576	106.87000	862.27000	221.42000	9999.00000	.88274	.32313	3.00780
7.600	-1.200	36.52100	.28599	106.94000	862.87000	222.31000	9999.00000	.88076	.32310	3.00730
7.614	-1.000	36.53300	.28671	106.99000	863.32000	223.18000	9999.00000	.88493	.32346	3.01260
7.611	-.800	36.54400	.28677	107.04000	863.72000	224.01000	9999.00000	.89804	.32369	3.01130
7.606	-.600	36.55500	.28648	107.01000	863.51000	224.89000	9999.00000	.89004	.32390	3.00950
7.634	-.400	36.56900	.28707	106.90000	862.62000	225.72000	9999.00000	.89528	.32389	3.02060
7.650	-.200	36.58300	.28775	106.92000	862.82000	226.55000	9999.00000	.89753	.32409	3.02680
7.624	.000	36.59100	.28719	107.02000	863.63000	227.40000	9999.00000	.89999	.32432	3.01680
7.624	.200	36.60400	.28754	107.11000	864.43000	228.19000	9999.00000	.88959	.32452	3.01650
7.645	.400	36.61500	.28827	107.10000	864.30000	228.97000	9999.00000	.89620	.32474	3.02500
7.636	.600	36.62000	.28776	107.06000	864.00000	229.79000	9999.00000	.90489	.32496	3.02130
7.635	.800	36.62800	.28776	107.07000	864.11000	230.61000	9999.00000	.90286	.32539	3.02090
7.639	1.000	36.63600	.28811	107.11000	864.48000	231.38000	9999.00000	.89738	.32537	3.02270
7.654	1.200	36.64100	.28811	106.98000	863.41000	232.15000	9999.00000	.89963	.32518	3.02850
7.675	1.400	36.65100	.28884	106.96000	863.30000	232.91000	9999.00000	.90102	.32552	3.03700
7.669	1.600	36.65600	.28874	106.99000	863.57000	233.64000	9999.00000	.89565	.32562	3.03460
7.661	1.800	36.66400	.28868	107.06000	864.14000	234.38000	9999.00000	.90716	.32587	3.03110
7.678	2.000	36.67100	.28914	107.01000	863.80000	235.08000	9999.00000	.90505	.32599	3.03790
7.700	2.132	36.67700	.28960	106.92000	863.11000	236.33000	9999.00000	.91267	.32636	3.04670
		GRADIENT	.05500	.00108	.13214	1.14999	4.07858	.00012	.00687	.00095 .00605

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E176) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 37.500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2294/0 RN/L = 2.22 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.233	-5.000	36.80100	.09744	118.27000	959.47000	-198.78000	.00000	.32049	.11875	.88364
2.228	-4.800	36.80400	.09737	118.40000	960.53000	-198.86000	.00000	.32140	.11877	.88162
2.221	-4.600	36.81200	.09735	118.63000	962.46000	-198.87000	.00000	.32311	.11878	.87882
2.218	-4.400	36.82600	.09729	118.71000	963.09000	-198.95000	.00000	.32243	.11877	.87745
2.218	-4.200	36.83700	.09720	118.64000	962.55000	-198.95000	.00000	.32215	.11872	.87743
2.218	-4.000	36.84500	.09713	118.57000	962.03000	-199.02000	.00000	.32174	.11868	.87761
2.221	-3.800	36.84800	.09708	118.41000	960.72000	-199.10000	.00000	.32284	.11861	.87896
2.221	-3.600	36.85000	.09704	118.37000	960.48000	-199.20000	.00000	.32445	.11851	.87894
2.220	-3.400	36.85400	.09703	118.41000	960.75000	-199.24000	.00000	.32497	.11843	.87852
2.220	-3.200	36.86100	.09698	118.38000	960.59000	-199.26000	.00000	.32544	.11840	.87835
2.216	-3.000	36.86900	.09699	118.52000	961.76000	-199.40000	.00000	.32441	.11836	.87693
2.214	-2.800	36.88300	.09692	118.56000	962.07000	-199.44000	.00000	.32442	.11832	.87588
2.212	-2.600	36.90000	.09691	118.60000	962.43000	-199.44000	.00000	.32481	.11827	.87537
2.210	-2.400	36.90800	.09690	118.69000	963.18000	-199.51000	.00000	.32655	.11822	.87430
2.211	-2.200	36.91400	.09692	118.66000	962.99000	-199.59000	.00000	.32871	.11817	.87476
2.215	-2.000	36.91500	.09694	118.55000	962.08000	-199.64000	.00000	.32867	.11814	.87627
2.222	-1.800	36.92000	.09698	118.31000	960.17000	-199.72000	.00000	.33029	.11813	.87926
2.222	-1.600	36.93000	.09695	118.30000	960.14000	-199.80000	.00000	.33025	.11810	.87906
2.220	-1.400	36.94100	.09690	118.33000	960.36000	-199.87000	.00000	.33074	.11806	.87837
2.220	-1.200	36.95300	.09686	118.30000	960.18000	-199.90000	.00000	.33015	.11802	.87833
2.219	-1.000	36.96900	.09684	118.30000	960.17000	-199.89000	.00000	.33105	.11796	.87817
2.227	-.800	36.97700	.09688	118.05000	958.20000	-200.00000	.00000	.33219	.11792	.88131
2.228	-.600	36.98400	.09688	118.04000	958.13000	-200.05000	.00000	.33176	.11791	.88142
2.229	-.400	36.98900	.09688	117.98000	957.67000	-200.13000	.00000	.33323	.11788	.88210
2.228	-.200	36.99300	.09688	118.03000	958.11000	-200.23000	.00000	.33321	.11779	.88159
2.227	.000	37.00000	.09686	118.06000	958.36000	-200.29000	.00000	.33278	.11777	.88106
2.226	.200	37.00800	.09682	118.05000	958.28000	-200.30000	.00000	.33303	.11779	.88088
2.226	.400	37.02600	.09682	118.05000	958.36000	-200.38000	.00000	.33305	.11779	.88082
2.225	.600	37.03800	.09680	118.06000	958.45000	-200.39000	.00000	.33269	.11780	.88051
2.221	.800	37.04600	.09677	118.18000	959.44000	-200.44000	.00000	.33388	.11780	.87892
2.219	1.000	37.05200	.09680	118.29000	960.31000	-200.47000	.00000	.33446	.11778	.87808
2.222	1.200	37.05400	.09681	118.20000	959.65000	-200.62000	.00000	.33456	.11776	.87911
2.222	1.400	37.06000	.09679	118.17000	959.44000	-200.68000	.00000	.33355	.11772	.87927
2.226	1.600	37.06700	.09676	118.01000	958.13000	-200.72000	.00000	.33414	.11776	.88082
2.227	1.800	37.07800	.09675	117.98000	957.93000	-200.74000	.00000	.33387	.11772	.88103
2.226	2.000	37.09300	.09672	118.00000	958.11000	-200.82000	.00000	.33337	.11767	.88061
2.226	2.200	37.10600	.09676	118.02000	958.28000	-200.92000	.00000	.33302	.11764	.88078
	GRADIENT	.04482	-.00007	.03929	.44822	-.28393	.00000	.00040	-.00009	-.00107

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E176) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	37.500	PHI	=	.000
SPDBRK	=	.000	AIRRON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2273/ O RN/L = 7.66 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.709	-5.100	36.37300	.28827	106.48000	858.70000	202.85000	9999.00000	.88998	.32595	3.05030
7.725	-4.900	36.38300	.28861	106.42000	858.25000	204.28000	9999.00000	.88682	.32603	3.05650
7.724	-4.700	36.39000	.28853	106.40000	858.18000	205.34000	9999.00000	.89231	.32629	3.05610
7.722	-4.500	36.39400	.28886	106.51000	859.02000	206.41000	9999.00000	.89700	.32628	3.05540
7.737	-4.300	36.40700	.28947	106.52000	859.16000	207.47000	9999.00000	.89144	.32663	3.06120
7.734	-4.100	36.41900	.28992	106.66000	860.26000	208.59000	9999.00000	.89495	.32694	3.06020
7.737	-3.900	36.42600	.28965	106.57000	859.57000	209.62000	9999.00000	.89033	.32727	3.06120
7.725	-3.700	36.43400	.28938	106.61000	859.94000	210.60000	9999.00000	.89530	.32768	3.05650
7.716	-3.500	36.44500	.28889	106.57000	859.67000	211.61000	9999.00000	.89843	.32746	3.05290
7.714	-3.300	36.45600	.28894	106.60000	859.94000	212.58000	9999.00000	.89839	.32704	3.05220
7.688	-3.100	36.46300	.28797	106.61000	859.97000	213.57000	9999.00000	.89098	.32723	3.04190
7.681	-2.900	36.46900	.28745	106.54000	859.49000	214.52000	9999.00000	.89348	.32668	3.03920
7.668	-2.700	36.47200	.28694	106.54000	859.49000	215.49000	9999.00000	.88538	.32605	3.03390
7.658	-2.500	36.48300	.28708	106.67000	860.53000	216.43000	9999.00000	.89686	.32559	3.03000
7.625	-2.300	36.48200	.28600	106.71000	860.86000	217.35000	9999.00000	.89126	.32554	3.01700
7.638	-2.100	36.48900	.28604	106.59000	859.96000	218.31000	9999.00000	.88438	.32451	3.02230
7.620	-1.900	36.49300	.28570	106.68000	860.66000	219.23000	9999.00000	.88496	.32430	3.01520
7.599	-1.700	36.49900	.28546	106.82000	861.83000	220.12000	9999.00000	.87904	.32372	3.00680
7.594	-1.500	36.50500	.28548	106.87000	862.25000	220.98000	9999.00000	.88357	.32333	3.00490
7.606	-1.300	36.51600	.28600	106.89000	862.44000	221.88000	9999.00000	.88160	.32303	3.00950
7.606	-1.100	36.52400	.28638	106.98000	863.19000	222.72000	9999.00000	.87602	.32326	3.00970
7.612	-.900	36.54100	.28673	107.02000	863.53000	223.57000	9999.00000	.89493	.32352	3.01180
7.612	-.700	36.54900	.28688	107.06000	863.88000	224.45000	9999.00000	.89871	.32384	3.01170
7.617	-.500	36.55600	.28643	106.90000	862.64000	225.29000	9999.00000	.89055	.32382	3.01370
7.651	-.300	36.57900	.28769	106.89000	862.60000	226.14000	9999.00000	.89888	.32394	3.02730
7.632	-.100	36.58700	.28723	106.96000	863.15000	226.96000	9999.00000	.90048	.32421	3.01970
7.625	.100	36.59800	.28743	107.07000	864.06000	227.81000	9999.00000	.89830	.32437	3.01720
7.639	.300	36.61100	.28816	107.13000	864.56000	228.60000	9999.00000	.88841	.32463	3.02240
7.640	.500	36.61700	.28797	107.07000	864.09000	229.37000	9999.00000	.89628	.32482	3.02300
7.635	.700	36.62300	.28770	107.05000	863.96000	230.23000	9999.00000	.90795	.32517	3.02100
7.639	.900	36.63100	.28801	107.09000	864.33000	231.02000	9999.00000	.89414	.32545	3.02250
7.640	1.100	36.63800	.28790	107.06000	864.07000	231.76000	9999.00000	.89977	.32530	3.02280
7.668	1.300	36.64700	.28865	106.98000	863.47000	232.54000	9999.00000	.90029	.32526	3.03390
7.673	1.500	36.65300	.28881	106.97000	863.41000	233.28000	9999.00000	.90020	.32561	3.03620
7.674	1.700	36.66400	.28911	107.04000	863.97000	234.01000	9999.00000	.89839	.32569	3.03650
7.661	1.900	36.66600	.28855	107.02000	863.85000	234.73000	9999.00000	.90871	.32597	3.03140
7.682	2.100	36.67200	.28914	106.98000	863.53000	235.64000	9999.00000	.90382	.32614	3.03950
	GRADIENT	.05886	.00133	.24000	2.00571	4.09000	.00000	-.00071	.00103	.00419

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OA257 (LARC 20-M6-6559) OV102

(T7E077) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 295/0 RN/L = 2.20 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.208	-4.970	39.20000	.09566	117.73000	955.27000	146.93000	.00000	.32319	.11676	.87361
2.211	-4.800	39.20700	.09565	117.60000	954.27000	146.83000	.00000	.32347	.11672	.87495
2.213	-4.600	39.21600	.09568	117.58000	954.07000	146.68000	.00000	.32326	.11672	.87556
2.209	-4.400	39.22100	.09566	117.68000	954.93000	146.57000	.00000	.32355	.11677	.87421
2.203	-4.200	39.23300	.09564	117.89000	956.66000	146.43000	.00000	.32277	.11677	.87169
2.201	-4.000	39.23800	.09572	118.04000	957.93000	146.28000	.00000	.32275	.11674	.87072
2.198	-3.800	39.24400	.09571	118.12000	958.59000	146.18000	.00000	.32294	.11673	.86980
2.198	-3.600	39.25300	.09572	118.15000	958.87000	146.07000	.00000	.32281	.11669	.86957
2.196	-3.400	39.26500	.09569	118.18000	959.12000	145.92000	.00000	.32285	.11666	.86899
2.195	-3.200	39.27200	.09565	118.21000	959.34000	145.79000	.00000	.32322	.11668	.86838
2.195	-3.000	39.27800	.09560	118.16000	958.94000	145.65000	.00000	.32368	.11667	.86849
2.198	-2.800	39.28900	.09560	118.04000	958.07000	145.50000	.00000	.32363	.11662	.86966
2.197	-2.600	39.29400	.09557	118.05000	958.17000	145.36000	.00000	.32297	.11659	.86931
2.198	-2.400	39.30500	.09560	118.05000	958.19000	145.27000	.00000	.32295	.11655	.86960
2.200	-2.200	39.31500	.09562	117.99000	957.69000	145.14000	.00000	.32320	.11655	.87056
2.198	-2.000	39.32100	.09562	118.07000	958.40000	145.03000	.00000	.32271	.11651	.86960
2.197	-1.800	39.33100	.09562	118.09000	958.53000	144.89000	.00000	.32184	.11649	.86949
2.200	-1.600	39.34000	.09563	118.02000	958.04000	144.78000	.00000	.32211	.11645	.87030
2.204	-1.400	39.35200	.09560	117.86000	956.72000	144.59000	.00000	.32191	.11644	.87188
2.206	-1.200	39.36100	.09558	117.74000	955.78000	144.49000	.00000	.32160	.11646	.87304
2.202	-1.000	39.37000	.09561	117.92000	957.31000	144.39000	.00000	.32083	.11646	.87122
2.201	-.800	39.37900	.09560	117.94000	957.44000	144.24000	.00000	.32062	.11643	.87102
2.206	-.600	39.38600	.09561	117.79000	956.28000	144.08000	.00000	.32051	.11639	.87271
2.205	-.400	39.39800	.09564	117.85000	956.78000	143.97000	.00000	.32096	.11635	.87232
2.207	-.200	39.40400	.09565	117.79000	956.29000	143.82000	.00000	.32027	.11636	.87310
2.203	.000	39.41700	.09562	117.90000	957.20000	143.71000	.00000	.31910	.11638	.87168
2.204	.200	39.42100	.09560	117.87000	956.97000	143.57000	.00000	.31871	.11638	.87187
2.201	.400	39.43400	.09557	117.94000	957.59000	143.46000	.00000	.31864	.11637	.87080
2.200	.600	39.44300	.09560	117.99000	958.06000	143.31000	.00000	.31747	.11634	.87044
2.196	.800	39.45300	.09556	118.12000	959.07000	143.15000	.00000	.31738	.11630	.86880
2.195	1.000	39.45800	.09553	118.13000	959.18000	143.08000	.00000	.31699	.11629	.86835
2.196	1.200	39.46800	.09553	118.08000	958.84000	142.93000	.00000	.31669	.11628	.86892
2.194	1.400	39.48000	.09550	118.13000	959.29000	142.81000	.00000	.31587	.11629	.86804
2.193	1.600	39.48500	.09551	118.16000	959.52000	142.67000	.00000	.31499	.11628	.86783
2.192	1.800	39.49300	.09548	118.18000	959.66000	142.52000	.00000	.31442	.11626	.86743
2.193	2.000	39.50800	.09546	118.12000	959.26000	142.37000	.00000	.31371	.11625	.86784
2.193	2.167	39.50800	.09548	118.16000	959.59000	142.22000	.00000	.31219	.11621	.86760
GRADIENT		.04643	-.00004	.15357	1.36429	-.63929	.00000	-.00274	-.00002	-.00198

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E077) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 274/ O RN/L = 7.65 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.794	-4.981	38.79400	.29066	106.30000	857.62000	211.72000	.00000	.93282	.32739	3.08400
7.780	-4.800	38.79800	.29021	106.32000	857.86000	213.18000	.00000	.94876	.32784	3.07820
7.759	-4.600	38.79600	.28964	106.37000	858.29000	214.15000	.00000	.94538	.32794	3.07000
7.729	-4.400	38.79500	.28851	106.37000	858.30000	215.17000	.00000	.94236	.32739	3.05810
7.708	-4.200	38.79900	.28770	106.37000	858.29000	216.15000	.00000	.94535	.32682	3.04970
7.691	-4.000	38.80800	.28715	106.39000	858.47000	217.17000	.00000	.94247	.32619	3.04310
7.686	-3.800	38.82600	.28716	106.43000	858.86000	218.10000	.00000	.93662	.32526	3.04120
7.686	-3.600	38.84200	.28741	106.50000	859.43000	219.06000	.00000	.94006	.32464	3.04100
7.668	-3.400	38.84900	.28691	106.55000	859.80000	220.05000	.00000	.94885	.32447	3.03390
7.679	-3.200	38.86000	.28722	106.52000	859.60000	220.98000	.00000	.95247	.32438	3.03850
7.675	-3.000	38.86200	.28723	106.56000	859.93000	221.98000	.00000	.94598	.32447	3.03690
7.669	-2.800	38.86900	.28733	106.64000	860.62000	222.90000	.00000	.95180	.32453	3.03450
7.676	-2.600	38.87700	.28751	106.62000	860.51000	223.85000	.00000	.95295	.32456	3.03710
7.686	-2.400	38.88800	.28822	106.70000	861.19000	224.75000	.00000	.95330	.32492	3.04120
7.672	-2.200	38.89400	.28763	106.69000	861.09000	225.65000	.00000	.95559	.32517	3.03570
7.685	-2.000	38.90600	.28826	106.73000	861.43000	226.56000	.00000	.96087	.32525	3.04070
7.689	-1.800	38.92200	.28843	106.74000	861.52000	227.45000	.00000	.96188	.32541	3.04220
7.689	-1.600	38.94100	.28865	106.79000	861.96000	228.29000	.00000	.96823	.32553	3.04230
7.700	-1.400	38.95800	.28888	106.75000	861.66000	229.22000	.00000	.96648	.32557	3.04650
7.668	-1.200	38.95800	.28772	106.76000	861.75000	230.10000	.00000	.96892	.32594	3.03390
7.640	-1.000	38.95100	.28623	106.65000	860.89000	230.96000	.00000	.96181	.32567	3.02290
7.609	-.800	38.95200	.28534	106.71000	861.43000	231.82000	.00000	.95943	.32478	3.01080
7.603	-.600	38.95300	.28525	106.75000	861.78000	232.69000	.00000	.95619	.32349	3.00820
7.591	-.400	38.95700	.28507	106.82000	862.34000	233.54000	.00000	.96170	.32278	3.00350
7.574	-.200	38.96300	.28484	106.92000	863.19000	234.33000	.00000	.95757	.32280	2.99680
7.572	.000	38.97300	.28497	106.97000	863.60000	235.12000	.00000	.95222	.32242	2.99620
7.588	.200	38.98600	.28581	107.04000	864.17000	235.91000	.00000	.95984	.32226	3.00220
7.554	.400	38.99300	.28438	107.00000	863.87000	236.64000	.00000	.96012	.32245	2.98890
7.550	.600	39.00900	.28424	107.00000	863.93000	237.42000	.00000	.95866	.32198	2.98720
7.553	.800	39.02000	.28454	107.05000	864.29000	238.19000	.00000	.95871	.32161	2.98870
7.559	1.000	39.03100	.28493	107.09000	864.68000	238.93000	.00000	.95818	.32145	2.99100
7.574	1.200	39.04200	.28557	107.11000	864.88000	239.69000	.00000	.95784	.32177	2.99670
7.585	1.400	39.04500	.28559	107.01000	864.09000	240.45000	.00000	.95911	.32198	3.00120
7.593	1.600	39.05100	.28633	107.13000	865.06000	241.21000	.00000	.95662	.32213	3.00420
7.594	1.800	39.05900	.28674	107.22000	865.79000	241.94000	.00000	.96008	.32274	3.00480
GRADIENT		.04696	-.00061	.21964	1.87321	3.92322	.00000	.00116	-.00102	-.01550

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E177) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = .000 AIRRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2295/ O RN/L = 2.20 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.210	-4.900	39.20600	.09567	117.68000	954.84000	146.91000	.00000	.32311	.11675	.87430
2.211	-4.700	39.21100	.09564	117.60000	954.21000	146.72000	.00000	.32339	.11673	.87498
2.213	-4.500	39.22000	.09568	117.58000	954.08000	146.63000	.00000	.32366	.11674	.87552
2.206	-4.300	39.22500	.09567	117.79000	955.87000	146.49000	.00000	.32308	.11678	.87299
2.202	-4.100	39.23500	.09568	117.97000	957.32000	146.37000	.00000	.32254	.11676	.87114
2.198	-3.900	39.24600	.09566	118.09000	958.28000	146.20000	.00000	.32285	.11673	.86974
2.197	-3.700	39.24900	.09567	118.14000	958.76000	146.09000	.00000	.32301	.11671	.86921
2.197	-3.500	39.25900	.09572	118.16000	958.92000	146.00000	.00000	.32281	.11667	.86948
2.195	-3.300	39.26800	.09566	118.19000	959.19000	145.85000	.00000	.32300	.11667	.86863
2.195	-3.100	39.27500	.09564	118.19000	959.19000	145.76000	.00000	.32340	.11668	.86847
2.196	-2.900	39.28200	.09561	118.13000	958.72000	145.58000	.00000	.32364	.11663	.86884
2.198	-2.700	39.29200	.09557	118.03000	957.92000	145.46000	.00000	.32350	.11660	.86967
2.198	-2.500	39.29900	.09560	118.06000	958.26000	145.35000	.00000	.32273	.11656	.86954
2.199	-2.300	39.30900	.09560	118.03000	957.99000	145.25000	.00000	.32306	.11655	.86996
2.199	-2.100	39.32200	.09559	118.01000	957.90000	145.04000	.00000	.32320	.11654	.87003
2.198	-1.900	39.32900	.09563	118.09000	958.55000	144.97000	.00000	.32206	.11650	.86951
2.198	-1.700	39.33500	.09563	118.07000	958.40000	144.81000	.00000	.32197	.11647	.86973
2.201	-1.500	39.34300	.09560	117.96000	957.54000	144.72000	.00000	.32220	.11644	.87075
2.206	-1.300	39.35500	.09558	117.75000	955.85000	144.51000	.00000	.32167	.11645	.87289
2.204	-1.100	39.36400	.09560	117.82000	956.46000	144.44000	.00000	.32148	.11647	.87226
2.200	-.900	39.37500	.09559	117.99000	957.87000	144.31000	.00000	.32046	.11645	.87030
2.205	-.700	39.38000	.09563	117.84000	956.67000	144.18000	.00000	.32067	.11639	.87235
2.205	-.500	39.39100	.09562	117.81000	956.44000	143.97000	.00000	.32065	.11637	.87260
2.207	-.300	39.40100	.09566	117.80000	956.40000	143.95000	.00000	.32074	.11635	.87306
2.205	-.100	39.40800	.09564	117.85000	956.76000	143.77000	.00000	.31985	.11636	.87247
2.204	.100	39.42000	.09562	117.88000	957.05000	143.67000	.00000	.31871	.11639	.87190
2.202	.300	39.43100	.09558	117.92000	957.41000	143.52000	.00000	.31863	.11638	.87112
2.200	.500	39.43600	.09557	117.96000	957.79000	143.38000	.00000	.31834	.11637	.87050
2.197	.700	39.44500	.09557	118.06000	958.64000	143.27000	.00000	.31754	.11631	.86939
2.195	.900	39.45700	.09556	118.15000	959.35000	143.13000	.00000	.31719	.11629	.86837
2.196	1.100	39.46400	.09554	118.09000	958.86000	143.00000	.00000	.31683	.11629	.86894
2.194	1.300	39.47400	.09550	118.12000	959.16000	142.85000	.00000	.31616	.11629	.86823
2.194	1.500	39.48500	.09550	118.12000	959.18000	142.69000	.00000	.31553	.11628	.86820
2.194	1.700	39.49300	.09551	118.16000	959.50000	142.57000	.00000	.31466	.11628	.86794
2.192	1.900	39.50100	.09546	118.18000	959.67000	142.43000	.00000	.31411	.11624	.86723
2.195	2.100	39.51000	.09548	118.10000	959.05000	142.28000	.00000	.31324	.11623	.86834
GRADIENT		.04671	-.00007	.16286	1.43857	-.62000	.00000	-.00272	.00002	-.00241

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) DV102

(T7E177) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 40.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2274/0 RN/L = 7.65 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.784	-4.900	38.79400	.29034	106.32000	857.79000	212.72000	.00000	.93973	.32756	3.07980
7.776	-4.700	38.79600	.29016	106.35000	858.05000	213.67000	.00000	.94824	.32799	3.07670
7.740	-4.500	38.79400	.28892	106.37000	858.29000	214.65000	.00000	.93856	.32773	3.06240
7.720	-4.300	38.80100	.28816	106.37000	858.30000	215.67000	.00000	.94703	.32704	3.05450
7.701	-4.100	38.80400	.28745	106.37000	858.33000	216.66000	.00000	.94671	.32658	3.04690
7.682	-3.900	38.81500	.28690	106.40000	858.61000	217.62000	.00000	.94236	.32568	3.03970
7.685	-3.700	38.83600	.28727	106.48000	859.21000	218.58000	.00000	.93949	.32492	3.04070
7.679	-3.500	38.84500	.28730	106.54000	859.73000	219.57000	.00000	.94167	.32447	3.03830
7.671	-3.300	38.85600	.28700	106.54000	859.78000	220.51000	.00000	.95172	.32441	3.03510
7.672	-3.100	38.85900	.28701	106.53000	859.70000	221.48000	.00000	.95040	.32447	3.03570
7.675	-2.900	38.86800	.28739	106.60000	860.32000	222.44000	.00000	.94917	.32452	3.03670
7.670	-2.700	38.87100	.28748	106.67000	860.88000	223.36000	.00000	.95180	.32454	3.03470
7.685	-2.500	38.88300	.28796	106.65000	860.70000	224.29000	.00000	.95136	.32476	3.04090
7.679	-2.300	38.89000	.28796	106.71000	861.24000	225.20000	.00000	.95675	.32507	3.03820
7.671	-2.100	38.89800	.28766	106.70000	861.22000	226.11000	.00000	.95902	.32528	3.03530
7.693	-1.900	38.91500	.28856	106.73000	861.42000	227.00000	.00000	.96340	.32533	3.04400
7.691	-1.700	38.93200	.28864	106.77000	861.77000	227.88000	.00000	.96677	.32548	3.04310
7.691	-1.500	38.94800	.28867	106.77000	861.85000	228.77000	.00000	.96448	.32552	3.04310
7.702	-1.300	38.96100	.28893	106.74000	861.61000	229.65000	.00000	.96892	.32576	3.04730
7.649	-1.100	38.95300	.28669	106.67000	861.08000	230.54000	.00000	.96323	.32593	3.02670
7.621	-.900	38.94900	.28568	106.69000	861.20000	231.40000	.00000	.96156	.32525	3.01550
7.610	-.700	38.94900	.28543	106.72000	861.54000	232.29000	.00000	.95937	.32410	3.01120
7.591	-.500	38.95400	.28490	106.77000	861.96000	233.10000	.00000	.95532	.32307	3.00360
7.587	-.300	38.95900	.28513	106.88000	862.80000	233.94000	.00000	.96260	.32271	3.00180
7.572	-.100	38.96800	.28485	106.95000	863.41000	234.73000	.00000	.95195	.32264	2.99590
7.582	.100	38.98000	.28544	107.00000	863.83000	235.50000	.00000	.95629	.32228	3.00000
7.567	.300	38.98900	.28498	107.03000	864.08000	236.29000	.00000	.95858	.32242	2.99400
7.550	.500	38.99900	.28422	106.99000	863.85000	237.04000	.00000	.95922	.32230	2.98740
7.557	.700	39.01500	.28454	107.02000	864.04000	237.82000	.00000	.95597	.32176	2.99000
7.552	.900	39.02400	.28455	107.06000	864.45000	238.55000	.00000	.96025	.32150	2.98810
7.564	1.100	39.03600	.28526	107.13000	864.98000	239.33000	.00000	.95690	.32161	2.99300
7.577	1.300	39.03800	.28541	107.04000	864.32000	240.08000	.00000	.95846	.32196	2.99820
7.591	1.500	39.04900	.28599	107.06000	864.46000	240.81000	.00000	.96024	.32197	3.00360
7.603	1.700	39.06100	.28690	107.18000	865.44000	241.57000	.00000	.95862	.32238	3.00820
7.613	1.896	39.06600	.28754	107.24000	866.04000	243.18000	.00000	.96120	.32344	3.01210
GRADIENT	.04671	-.00047	.22857	1.95857	3.93143	.00000	.00168	-.00073	-.01433	

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E078) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 335/ 0 RN/L = 7.57 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.476	-.349	-.03736	.27006	104.68000	857.88000	159.42000	274.29000	.25556	.28409	2.95820
7.508	-.297	-.03794	.27132	104.68000	857.31000	158.95000	271.86000	.25655	.31460	2.97080
7.665	-.236	-.02581	.27579	104.08000	845.95000	74.62300	179.78000	.25796	.28731	3.03280
7.514	1.079	-.03709	.27201	104.79000	857.92000	158.61000	285.27000	.25698	.31526	2.97310
7.502	1.935	-.03737	.27177	104.84000	858.09000	158.53000	288.30000	.25765	.31520	2.96830
7.566	2.947	-.03799	.27411	104.83000	857.84000	158.06000	273.02000	.25864	.31639	2.99360
7.514	3.884	-.03501	.27329	105.09000	859.80000	157.85000	257.35000	.25802	.31383	2.97310
7.461	4.742	-.03593	.27024	104.80000	857.19000	157.60000	266.01000	.25864	.31269	2.95210
7.457	5.816	-.03569	.27001	104.77000	856.74000	157.35000	247.86000	.26258	.31401	2.95050
7.525	6.694	-.03585	.27308	104.91000	857.76000	156.84000	237.60000	.26898	.31591	2.97750
7.554	7.712	-.03605	.27440	104.97000	858.05000	156.46000	234.67000	.28535	.31609	2.98890
7.539	8.637	-.03685	.27284	104.70000	855.63000	155.99000	238.15000	.34469	.31567	2.98310
7.556	9.518	-.03603	.27309	104.60000	854.61000	155.78000	244.71000	.46945	.31615	2.98970
7.622	10.709	-.03659	.27733	105.06000	858.05000	155.66000	225.35000	.60886	.31860	3.01580
7.592	11.530	-.03632	.27643	105.09000	858.17000	155.70000	227.88000	.63888	.31788	3.00410
7.613	12.650	-.03549	.27612	104.82000	855.67000	155.49000	248.52000	.66452	.31812	3.01210
7.644	13.617	-.03312	.27762	104.90000	856.12000	155.23000	242.40000	.68539	.32092	3.02450
7.648	14.617	-.03310	.27770	104.87000	855.59000	153.46000	234.45000	.69871	.31943	3.02600
7.576	15.484	-.03616	.27634	105.18000	857.92000	151.39000	228.82000	.70209	.31830	2.99750
7.569	16.681	-.03524	.27562	105.04000	856.57000	147.84000	216.79000	.71879	.31865	2.99490
7.595	17.714	-.03489	.27605	104.90000	855.18000	144.41000	216.85000	.72972	.31758	3.00530
7.602	18.565	-.03147	.27687	105.04000	856.04000	140.06000	229.10000	.74224	.31937	3.00800
7.657	19.411	-.02728	.27771	104.74000	853.43000	135.75000	249.73000	.75616	.32020	3.02950
7.635	20.629	-.02612	.27765	104.91000	854.65000	130.81000	270.43000	.76312	.31973	3.02090
7.660	21.698	-.02649	.27755	104.64000	852.20000	123.71000	283.12000	.77564	.31973	3.03100
7.581	22.708	-.02460	.27589	104.95000	854.49000	117.24000	286.26000	.78816	.31871	2.99950
7.583	23.703	-.02392	.27602	104.95000	854.24000	108.58000	302.10000	.79512	.31967	3.00050
7.637	24.261	-.02487	.27766	104.85000	853.22000	95.89700	305.85000	.80566	.31985	3.02180
	GRADIENT	-.00171	.00294	-.17877	-1.82848	-22.72861	6.72038	.01889	.00032	.03818

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E079) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRF = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 333/ O RN/L = 7.45 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.436	14.323	-.03731	.27037	105.14000	861.46000	226.45000	262.76000	.69607	.28355	2.94210
7.403	14.490	-.03745	.26995	105.32000	862.63000	227.92000	252.55000	.69865	.31138	2.92910
7.369	14.602	-.00650	.27140	105.84000	862.84000	89.56200	190.69000	.69129	.28289	2.91560
7.397	15.443	-.03767	.26931	105.21000	861.58000	228.29000	247.31000	.70938	.31305	2.92680
7.509	16.573	-.03758	.27360	105.25000	861.82000	228.25000	240.41000	.72787	.31442	2.97100
7.462	17.737	-.03934	.27246	105.39000	862.84000	228.04000	239.03000	.74815	.31383	2.95250
7.459	18.665	-.03881	.27255	105.44000	863.12000	227.76000	254.15000	.75848	.31383	2.95120
7.464	19.265	-.03863	.27251	105.37000	862.43000	227.39000	266.34000	.76325	.31395	2.95350
7.431	20.511	-.03891	.27132	105.38000	862.35000	226.86000	285.38000	.76922	.31371	2.94010
7.466	21.591	-.03924	.27292	105.45000	862.80000	226.33000	274.29000	.79108	.31496	2.95430
7.496	22.426	-.03856	.27358	105.33000	861.74000	225.55000	286.21000	.78790	.31478	2.96610
7.461	23.573	-.03718	.27265	105.42000	862.31000	224.65000	258.40000	.81116	.31520	2.95210
7.515	24.315	-.03731	.27462	105.41000	862.11000	223.46000	244.77000	.81692	.31633	2.97360
7.502	25.309	-.03749	.27468	105.55000	863.12000	222.40000	246.04000	.83422	.31556	2.96830
7.485	26.405	-.03841	.27421	105.58000	863.32000	221.05000	236.93000	.84992	.31567	2.96150
7.470	27.367	-.03905	.27364	105.57000	863.12000	219.09000	241.07000	.86304	.31585	2.95550
7.469	28.330	-.03778	.27333	105.50000	862.31000	216.03000	226.06000	.84793	.31460	2.95510
7.459	29.341	-.03907	.27298	105.48000	862.11000	213.86000	207.08000	.85986	.31508	2.95150
7.463	30.048	-.03884	.27280	105.40000	861.25000	210.67000	206.31000	.85648	.31472	2.95310
7.458	31.395	-.03653	.27237	105.33000	860.52000	206.26000	204.99000	.85429	.31442	2.95090
7.508	32.561	-.02693	.27480	105.47000	861.58000	201.84000	203.05000	.86682	.31716	2.97080
7.488	33.339	-.02689	.27496	105.70000	863.28000	197.49000	198.47000	.85588	.31591	2.96290
7.499	34.168	-.02709	.27457	105.49000	861.50000	191.70000	193.07000	.86861	.31687	2.96700
7.475	35.278	-.02563	.27450	105.69000	862.96000	183.72000	190.25000	.87199	.31597	2.95760
7.428	36.132	-.02741	.27345	105.86000	864.18000	175.98000	190.76000	.88650	.31579	2.93910
7.434	37.235	-.02742	.27332	105.76000	863.28000	167.95000	189.94000	.91174	.31567	2.94150
7.421	38.144	-.02701	.27326	105.87000	864.01000	157.39000	190.16000	.93738	.31591	2.93620
7.394	39.085	-.02753	.27315	106.09000	865.64000	142.00000	191.19000	.96124	.31567	2.92570
	GRADIENT	-.00018	.00265	-.01352	-.26961	-1.60346	-18.36927	.00776	.00152	.02898

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7EO80) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

BETA	=	- .500	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 332/ O RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E081) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .500 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 331/ 0 RN/L = 7.57 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.499	- .234	.47268	.27061	104.61000	857.19000	194.66000	289.85000	.25692	.28415	2.96700
7.689	- .191	.49391	.27467	103.64000	843.54000	72.14800	139.16000	.26270	.28659	3.04230
7.575	1.403	.47281	.27324	104.55000	856.00000	196.90000	284.39000	.25962	.31562	2.99730
7.558	2.568	.47232	.27273	104.57000	856.00000	197.37000	285.93000	.26012	.31526	2.99070
7.567	3.683	.47097	.27238	104.39000	854.45000	198.00000	287.26000	.26104	.31472	2.99390
7.575	4.853	.47187	.27286	104.43000	854.65000	198.51000	286.04000	.26369	.31490	2.99710
7.533	6.354	.47034	.27165	104.50000	855.06000	199.18000	282.73000	.27144	.31472	2.98060
7.565	7.826	.47282	.27258	104.44000	854.37000	199.78000	277.77000	.30579	.31460	2.99340
7.538	8.995	.47369	.27203	104.54000	855.10000	200.24000	273.02000	.38592	.31436	2.98260
7.574	9.425	.47340	.27231	104.28000	852.77000	201.03000	266.45000	.43966	.31514	2.99680
7.570	10.566	.47281	.27342	104.59000	855.14000	202.01000	256.63000	.59966	.31514	2.99520
7.570	11.884	.47420	.27282	104.43000	853.71000	202.78000	248.63000	.65392	.31454	2.99520
7.527	13.151	.47605	.27232	104.69000	855.76000	203.36000	241.24000	.67917	.31472	2.97810
7.570	14.618	.47612	.27303	104.47000	853.79000	203.72000	232.68000	.69845	.31544	2.99510
7.585	16.078	.47564	.27423	104.63000	854.98000	203.40000	226.17000	.72290	.31550	3.00100
7.534	17.210	.47639	.27224	104.58000	854.45000	203.07000	220.60000	.73443	.31466	2.98110
7.582	18.370	.47561	.27235	104.17000	850.93000	202.42000	215.63000	.74576	.31639	2.99990
7.606	19.531	.47698	.27428	104.43000	852.90000	201.64000	213.43000	.77200	.31800	3.00970
7.595	20.730	.47671	.27531	104.78000	855.67000	200.62000	211.33000	.77757	.31711	3.00530
7.557	22.258	.47756	.27388	104.77000	855.35000	199.02000	206.14000	.78989	.31514	2.99010
7.519	23.314	.47813	.27230	104.71000	854.73000	197.58000	201.79000	.79844	.31562	2.97520
7.540	24.363	.47960	.27327	104.75000	854.98000	195.80000	197.32000	.82150	.31669	2.98350
7.550	26.095	.47890	.27413	104.88000	855.88000	193.61000	193.40000	.84634	.31615	2.98720
7.517	27.209	.47911	.27298	104.88000	855.80000	191.03000	190.86000	.85569	.31711	2.97430
7.566	28.313	.47763	.27556	105.08000	857.27000	187.48000	190.76000	.86244	.31895	2.99350
7.583	29.076	.47714	.27578	104.97000	856.25000	183.80000	189.83000	.86403	.31818	3.00040
7.569	30.320	.48193	.27599	105.14000	857.51000	178.98000	188.90000	.86304	.31830	2.99500
7.557	31.658	.48534	.27599	105.25000	858.21000	173.57000	186.81000	.85211	.31800	2.99030
7.548	33.131	.48688	.27520	105.13000	857.11000	167.83000	183.96000	.86423	.31824	2.98660
7.537	34.314	.48588	.27471	105.09000	856.70000	160.35000	181.87000	.87616	.31812	2.98240
7.564	35.639	.49223	.27431	104.74000	853.67000	151.81000	181.10000	.87974	.31836	2.99290
7.592	36.980	.49566	.27647	105.02000	855.84000	141.33000	181.70000	.93003	.31919	3.00400
7.625	38.306	.49622	.27587	104.57000	852.00000	130.89000	183.13000	.94176	.31979	3.01690
7.625	38.888	.49536	.27660	104.74000	853.22000	114.75000	185.99000	.96203	.31955	3.01710
GRADIENT		.00140	.00092	.03827	.23873	-1.69660	-4.26113	.02198	.00102	.00791

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OA257 (LARC 20-M6-6559) DV102 LESS OMS PODS

(T7E082) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 327/0 RN/L = 7.59 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.514	-.241	.04930	.26931	104.16000	854.04000	157.09000	9999.00000	.25230	.28248	2.97310
7.735	-.065	.07801	.27539	103.48000	843.86000	74.13700	9999.00000	.25802	.28796	3.06070
7.543	.021	.05017	.27079	104.26000	854.53000	156.58000	9999.00000	.25415	.31365	2.98470
7.549	.959	.05029	.27132	104.33000	855.06000	156.37000	9999.00000	.25458	.31407	2.98690
7.520	1.761	.05100	.27034	104.35000	855.02000	156.04000	9999.00000	.25476	.31460	2.97530
7.532	2.988	.05048	.27091	104.37000	855.10000	155.78000	9999.00000	.25593	.31472	2.98020
7.566	3.864	.05185	.27137	104.18000	853.39000	155.44000	9999.00000	.25710	.31520	2.99350
7.561	4.648	.05112	.27187	104.34000	854.57000	155.11000	9999.00000	.25938	.31591	2.99180
7.599	5.801	.05183	.27361	104.43000	855.18000	154.51000	9999.00000	.26405	.31585	3.00670
7.553	6.778	.05214	.27140	104.28000	853.84000	154.01000	9999.00000	.26947	.31514	2.98850
7.580	7.822	.05367	.27201	104.18000	852.85000	153.46000	9999.00000	.29317	.31424	2.99920
7.564	8.761	.05491	.27074	104.00000	851.22000	152.95000	9999.00000	.36512	.31484	2.99300
7.566	9.554	.06308	.27104	104.05000	851.51000	152.49000	9999.00000	.49321	.31490	2.99380
7.537	10.540	.07137	.26991	104.02000	851.14000	152.32000	9999.00000	.60423	.31454	2.98220
7.574	11.414	.06000	.27137	104.05000	851.22000	152.11000	9999.00000	.64080	.31544	2.99680
7.617	12.411	.06000	.27302	104.07000	851.18000	151.68000	9999.00000	.67062	.31681	3.01380
7.624	13.314	.06000	.27352	104.12000	851.46000	151.05000	9999.00000	.68454	.31663	3.01660
7.606	14.403	.08663	.27274	104.08000	850.97000	149.91000	9999.00000	.69825	.31752	3.00960
7.642	15.320	.07063	.27455	104.21000	851.91000	147.96000	9999.00000	.70918	.31746	3.02360
7.614	16.617	.06000	.27299	104.06000	850.57000	145.13000	9999.00000	.72131	.31734	3.01250
7.609	17.831	.06000	.27390	104.33000	852.49000	139.47000	9999.00000	.73821	.31871	3.01070
7.574	18.681	.06000	.27349	104.53000	854.04000	135.50000	9999.00000	.74834	.31907	2.99690
7.600	19.404	.06000	.27457	104.57000	854.16000	130.97000	9999.00000	.75769	.32003	3.00710
7.552	20.575	.07007	.27427	104.93000	856.94000	124.80000	9999.00000	.77319	.31836	2.98800
7.576	21.813	.06664	.27320	104.42000	852.69000	118.76000	9999.00000	.77438	.31913	2.99770
7.625	22.834	.06568	.27468	104.34000	851.91000	111.87000	9999.00000	.79068	.31943	3.01710
7.644	23.701	.06599	.27415	104.03000	849.18000	103.50000	9999.00000	.79864	.31925	3.02470
7.664	24.313	.07275	.27383	103.76000	846.89000	94.84100	9999.00000	.80997	.32009	3.03250
	GRADIENT	.01104	-.00052	-.44129	-3.74155	-14.14878	-.02086	.01851	.00137	.01275

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E083) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA	=	.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 325/ 0 RN/L = 7.55 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.446	14.368	-.03747	.27024	104.94000	858.25000	222.65000	9999.00000	.68241	.28254	2.94600
7.535	14.428	-.03765	.27349	104.92000	857.68000	224.69000	9999.00000	.69175	.31675	2.98130
7.511	14.683	-.01464	.27360	104.99000	854.53000	101.01000	9999.00000	.67983	.28594	2.97210
7.544	15.481	-.03652	.27386	104.93000	857.60000	224.98000	9999.00000	.70428	.31693	2.98480
7.528	16.603	-.03715	.27406	105.12000	859.03000	224.94000	9999.00000	.71481	.31705	2.97850
7.549	17.670	-.03640	.27414	104.94000	857.43000	224.65000	9999.00000	.72634	.31723	2.98690
7.523	18.434	-.03708	.27380	105.09000	858.54000	224.40000	9999.00000	.73211	.31652	2.97660
7.527	19.563	-.03758	.27432	105.17000	859.11000	224.04000	9999.00000	.75198	.31735	2.97840
7.538	20.705	-.03650	.27390	104.96000	857.27000	223.51000	9999.00000	.76212	.31664	2.98260
7.510	21.740	-.03801	.27331	105.07000	858.05000	222.77000	9999.00000	.76968	.31610	2.97140
7.540	21.999	-.03703	.27362	104.86000	856.25000	221.95000	9999.00000	.77147	.31681	2.98330
7.558	23.129	-.03799	.27560	105.19000	858.78000	220.73000	9999.00000	.79075	.31932	2.99040
7.569	24.047	-.03721	.27616	105.23000	858.94000	219.46000	9999.00000	.79989	.31962	2.99480
7.558	25.369	-.03534	.27603	105.29000	859.31000	217.82000	9999.00000	.82275	.31890	2.99040
7.522	26.487	-.02736	.27473	105.28000	859.11000	215.62000	9999.00000	.83686	.31902	2.97630
7.546	27.212	-.02619	.27524	105.19000	858.21000	213.57000	9999.00000	.84203	.31950	2.98560
7.577	28.371	-.02643	.27718	105.38000	859.68000	211.45000	9999.00000	.84024	.32027	2.99820
7.569	29.102	-.02811	.27614	105.19000	857.96000	208.75000	9999.00000	.84362	.32003	2.99500
7.590	30.177	-.02801	.27724	105.27000	858.54000	205.89000	9999.00000	.84163	.32093	3.00320
7.579	31.501	-.02219	.27739	105.41000	859.52000	202.09000	9999.00000	.83905	.32069	2.99870
7.586	32.469	-.01710	.27707	105.26000	858.13000	195.89000	9999.00000	.84879	.31997	3.00140
7.516	33.247	-.02221	.27510	105.39000	859.15000	191.32000	9999.00000	.84521	.32003	2.97390
7.560	33.940	-.02599	.27636	105.30000	858.25000	185.66000	9999.00000	.84780	.32105	2.99140
7.654	35.278	-.02380	.27919	105.14000	856.86000	178.48000	9999.00000	.86827	.32313	3.02850
7.566	36.328	-.02575	.27746	105.52000	859.76000	169.69000	9999.00000	.87523	.32164	2.99350
7.558	37.285	-.01380	.27670	105.39000	858.58000	158.74000	9999.00000	.88139	.32134	2.99050
7.577	38.210	-.01331	.27699	105.28000	857.55000	149.19000	9999.00000	.91518	.32260	2.99820
7.578	39.056	-.01534	.27777	105.46000	858.94000	136.55000	9999.00000	.95971	.32218	2.99850
	GRADIENT	.00085	.00061	.04374	.17498	-1.38331	.00000	.00996	.00033	.00479

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E084) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 SPDBRK = .000 ATILRON = .000
 YP = .000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 328/0 RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.297	-.414	-.55840	.26507	105.18000	864.30000	207.44000	9999.00000	.25162	.27860	2.88730
7.361	-.398	-.55925	.26698	105.06000	862.96000	208.91000	9999.00000	.25390	.31037	2.91270
7.486	-.232	-.52949	.27119	104.72000	854.53000	75.94900	9999.00000	.25507	.28510	2.96190
7.397	1.787	-.55885	.26779	104.92000	861.58000	210.06000	9999.00000	.25519	.31162	2.92680
7.351	2.851	-.55698	.26690	105.12000	863.08000	210.59000	9999.00000	.25495	.30989	2.90870
7.345	3.766	-.55820	.26578	104.88000	861.01000	211.04000	9999.00000	.25501	.30900	2.90610
7.328	4.808	-.55686	.26571	105.01000	861.98000	211.73000	9999.00000	.25815	.30983	2.89960
7.358	5.781	-.55759	.26612	104.83000	860.36000	212.23000	9999.00000	.26381	.31085	2.91140
7.387	6.851	-.55693	.26780	104.99000	861.58000	212.72000	9999.00000	.27606	.31138	2.92270
7.389	8.044	-.55490	.26787	104.98000	861.38000	213.17000	9999.00000	.32296	.31204	2.92370
7.411	9.340	-.55413	.26820	104.85000	860.17000	213.74000	9999.00000	.44926	.31240	2.93240
7.435	10.864	-.55478	.26910	104.86000	860.09000	214.11000	9999.00000	.62073	.31317	2.94190
7.481	12.275	-.55116	.27053	104.79000	859.43000	214.23000	9999.00000	.66406	.31430	2.96000
7.447	13.477	-.55365	.26975	104.90000	860.21000	214.72000	9999.00000	.68374	.31401	2.94650
7.430	14.454	-.55244	.26922	104.92000	860.25000	215.05000	9999.00000	.69527	.31365	2.93970
7.445	15.952	-.55223	.27014	105.01000	860.81000	215.00000	9999.00000	.71137	.31413	2.94590
7.430	17.340	-.55204	.26982	105.06000	861.13000	214.55000	9999.00000	.72469	.31335	2.93980
7.427	18.624	-.55257	.26870	104.79000	858.74000	213.82000	9999.00000	.73145	.31258	2.93870
7.446	19.088	-.55010	.26996	104.93000	859.72000	212.72000	9999.00000	.74159	.31573	2.94620
7.497	20.512	-.55010	.27291	105.20000	861.66000	211.12000	9999.00000	.76425	.31645	2.96650
7.473	21.800	-.54907	.27228	105.26000	862.07000	210.02000	9999.00000	.77836	.31496	2.95680
7.423	23.033	-.54942	.26976	105.08000	860.44000	208.75000	9999.00000	.78631	.31383	2.93690
7.458	24.114	-.54977	.27127	105.13000	860.69000	206.83000	9999.00000	.81096	.31573	2.95100
7.398	24.871	-.54915	.26920	105.15000	860.65000	204.13000	9999.00000	.81474	.31305	2.92720
7.459	25.785	-.54899	.27038	104.87000	858.25000	201.84000	9999.00000	.82468	.31550	2.95120
7.479	27.997	-.54966	.27222	105.15000	860.42000	198.97000	9999.00000	.85310	.31711	2.95910
7.555	29.349	-.54916	.27318	104.68000	856.37000	194.54000	9999.00000	.84336	.31675	2.98950
7.470	31.076	-.54146	.27209	105.19000	860.36000	188.24000	9999.00000	.85012	.31615	2.95550
7.452	32.395	-.53739	.27135	105.16000	859.97000	182.45000	9999.00000	.85131	.31526	2.94840
7.467	33.384	-.53708	.27057	104.81000	856.98000	176.74000	9999.00000	.85290	.31669	2.95450
7.527	34.277	-.53681	.27399	105.13000	859.39000	169.09000	9999.00000	.87099	.31854	2.97810
7.486	35.442	-.53321	.27214	105.02000	858.41000	159.16000	9999.00000	.86781	.31740	2.96190
7.510	36.502	-.53314	.27274	104.95000	857.64000	149.95000	9999.00000	.87934	.31836	2.97150
7.556	38.009	-.52903	.27476	105.03000	858.17000	138.58000	9999.00000	.91969	.31889	2.98980
7.477	38.780	-.52551	.27260	105.20000	859.43000	121.89000	9999.00000	.95806	.31740	2.95860
	GRADIENT	.00011	-.00019	.03867	.12207	-2.46312	.00000	.01597	-.00028	-.00402

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E085) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .500 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 329/ 0 RN/L = 7.44 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.266	-.170	.50437	.27076	106.81000	873.96000	79.35200	9999.00000	.25550	.28409	2.87490
7.249	-.052	.47487	.26386	105.33000	865.47000	202.33000	9999.00000	.25150	.30727	2.86810
7.274	1.171	.47448	.26428	105.19000	864.22000	202.78000	9999.00000	.25261	.30799	2.87830
7.295	2.307	.47526	.26488	105.14000	863.73000	203.44000	9999.00000	.25335	.30906	2.88660
7.346	3.338	.47534	.26605	104.96000	862.15000	203.97000	9999.00000	.25575	.31013	2.90670
7.355	4.780	.47529	.26708	105.14000	863.53000	204.50000	9999.00000	.25907	.31043	2.91030
7.363	5.972	.47438	.26703	105.05000	862.67000	205.03000	9999.00000	.26547	.31037	2.91330
7.374	7.226	.47381	.26740	105.04000	862.51000	205.60000	9999.00000	.28277	.31120	2.91760
7.401	8.456	.47531	.26854	105.07000	862.67000	206.22000	9999.00000	.33631	.31401	2.92850
7.453	9.441	.47677	.27066	105.13000	863.08000	206.95000	9999.00000	.45818	.31460	2.94890
7.462	10.784	.47542	.27129	105.20000	863.61000	207.85000	9999.00000	.61139	.31448	2.95240
7.463	12.048	.47594	.27083	105.07000	862.43000	208.59000	9999.00000	.65889	.31460	2.95280
7.453	13.250	.47690	.27030	105.02000	861.94000	209.28000	9999.00000	.67658	.31389	2.94880
7.432	14.496	.47660	.26972	105.07000	862.19000	209.45000	9999.00000	.69328	.31383	2.94070
7.462	15.697	.47660	.27017	104.90000	860.73000	209.65000	9999.00000	.71117	.31329	2.95240
7.408	16.691	.47798	.26812	104.86000	860.33000	209.36000	9999.00000	.71137	.31180	2.93130
7.434	18.092	.48410	.26825	104.65000	858.49000	208.91000	9999.00000	.73363	.31424	2.94150
7.512	19.366	.48612	.27077	104.57000	857.76000	208.26000	9999.00000	.75908	.31573	2.97230
7.528	20.700	.48750	.27184	104.70000	858.70000	207.40000	9999.00000	.77757	.31603	2.97850
7.492	22.161	.48641	.27069	104.73000	858.90000	206.26000	9999.00000	.79327	.31591	2.96430
7.512	23.272	.48715	.27171	104.80000	859.35000	205.11000	9999.00000	.80281	.31603	2.97250
7.550	24.294	.48856	.27260	104.67000	858.21000	203.76000	9999.00000	.80957	.31794	2.98750
7.558	25.626	.48775	.27330	104.77000	858.99000	201.97000	9999.00000	.83481	.31806	2.99060
7.553	26.884	.48919	.27355	104.88000	859.76000	199.44000	9999.00000	.85270	.31812	2.98850
7.542	28.168	.48861	.27221	104.63000	857.64000	196.56000	9999.00000	.85191	.31788	2.98430
7.555	29.387	.48760	.27307	104.73000	858.33000	193.01000	9999.00000	.85728	.31877	2.98940
7.579	30.464	.48860	.27384	104.70000	858.00000	188.79000	9999.00000	.84117	.31919	2.99890
7.536	30.992	.48754	.27354	105.02000	860.52000	183.34000	9999.00000	.85966	.31955	2.98170
7.533	33.020	.49313	.27347	105.01000	860.36000	175.52000	9999.00000	.85549	.31871	2.98080
7.527	34.192	.49590	.27349	105.07000	860.77000	168.84000	9999.00000	.86940	.31800	2.97840
7.514	35.538	.49646	.27199	104.81000	858.49000	161.70000	9999.00000	.87397	.31746	2.97320
7.493	36.578	.49835	.27178	104.95000	859.56000	152.53000	9999.00000	.89206	.31907	2.96470
7.515	37.899	.50208	.27335	105.14000	861.01000	141.46000	9999.00000	.93897	.31883	2.97360
7.423	39.184	.50499	.27224	105.72000	865.68000	130.30000	9999.00000	.95806	.31794	2.93700
	GRADIENT	.00138	.00087	~.12716	-1.11544	-1.32091	.00000	.00661	.00187	.01467

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E086) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRF = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 340/0 RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.617	-4.428	14.45100	.28099	105.85000	860.86000	126.14000	244.00000	.71540	.32152	3.01400
7.589	-4.300	14.45400	.27972	105.80000	860.52000	127.63000	245.00000	.71673	.32147	3.00260
7.590	-4.100	14.45900	.27965	105.78000	860.36000	128.45000	246.00000	.71581	.32107	3.00300
7.603	-3.900	14.46100	.27992	105.72000	859.96000	129.19000	247.00000	.71760	.32070	3.00820
7.601	-3.700	14.46600	.28004	105.77000	860.38000	129.95000	247.00000	.71604	.32064	3.00750
7.589	-3.500	14.46400	.27992	105.85000	861.06000	130.69000	248.00000	.71929	.32061	3.00280
7.587	-3.300	14.46900	.27986	105.86000	861.19000	131.44000	249.00000	.72297	.32043	3.00180
7.575	-3.100	14.46900	.27929	105.82000	860.90000	132.24000	250.00000	.72019	.32018	2.99740
7.566	-2.900	14.47400	.27904	105.85000	861.13000	133.15000	251.00000	.71594	.31982	2.99370
7.574	-2.700	14.47600	.27920	105.81000	860.89000	133.97000	252.00000	.71826	.31950	2.99700
7.574	-2.500	14.48200	.27914	105.80000	860.84000	134.74000	253.00000	.71332	.31970	2.99680
7.564	-2.300	14.48300	.27874	105.80000	860.84000	135.50000	254.00000	.71182	.31975	2.99280
7.546	-2.100	14.48500	.27800	105.78000	860.73000	136.28000	255.00000	.71261	.31945	2.98560
7.535	-1.900	14.48900	.27795	105.87000	861.46000	137.08000	256.00000	.70819	.31911	2.98140
7.529	-1.700	14.49400	.27787	105.91000	861.83000	137.93000	257.00000	.70450	.31879	2.97900
7.529	-1.500	14.49700	.27776	105.88000	861.60000	138.75000	257.00000	.71065	.31834	2.97920
7.530	-1.300	14.50100	.27804	105.94000	862.17000	139.45000	258.00000	.70671	.31825	2.97950
7.524	-1.100	14.50400	.27808	106.01000	862.74000	140.14000	259.00000	.71140	.31823	2.97710
7.534	-.900	14.50700	.27811	105.93000	862.10000	140.71000	259.00000	.70883	.31789	2.98090
7.554	-.700	14.51000	.27785	105.67000	860.07000	141.21000	260.00000	.70349	.31806	2.98900
7.565	-.500	14.51600	.27839	105.71000	860.36000	141.55000	261.00000	.70863	.31802	2.99340
7.540	-.300	14.52200	.27850	105.97000	862.56000	141.97000	262.00000	.70948	.31821	2.98350
7.547	-.100	14.52800	.27887	106.01000	862.89000	142.40000	262.00000	.70911	.31831	2.98600
7.550	.100	14.53100	.27878	105.96000	862.51000	142.95000	263.00000	.70837	.31857	2.98720
7.589	.300	14.53600	.27893	105.63000	859.86000	143.42000	263.00000	.70413	.31861	3.00290
7.586	.500	14.54100	.27885	105.65000	860.03000	143.96000	263.00000	.70611	.31853	3.00140
7.592	.700	14.54400	.27963	105.78000	861.17000	144.53000	264.00000	.70839	.31896	3.00410
7.553	.900	14.54800	.27847	105.85000	861.78000	145.09000	264.00000	.70819	.31913	2.98870
7.561	1.100	14.55200	.27881	105.87000	861.92000	145.43000	265.00000	.70779	.31877	2.99170
7.549	1.300	14.55600	.27867	105.95000	862.62000	145.80000	265.00000	.70783	.31890	2.98700
7.573	1.500	14.56300	.27941	105.91000	862.33000	146.17000	265.00000	.70549	.31879	2.99660
7.588	1.700	14.56700	.27954	105.80000	861.52000	146.50000	265.00000	.70478	.31879	3.00250
7.569	1.900	14.56700	.27948	105.97000	862.90000	146.89000	265.00000	.70671	.31919	2.99490
7.554	2.100	14.57400	.27898	105.98000	863.01000	147.39000	265.00000	.70595	.31948	2.98910
7.551	2.300	14.57400	.27832	105.85000	861.99000	148.02000	265.00000	.70317	.31929	2.98760
7.524	2.500	14.57700	.27764	105.93000	862.65000	148.61000	265.00000	.70139	.31905	2.97710
7.512	2.700	14.58000	.27732	105.96000	862.99000	149.31000	265.00000	.70069	.31842	2.97220
7.526	2.900	14.58200	.27767	105.92000	862.65000	149.98000	265.00000	.69985	.31845	2.97800
7.548	3.100	14.58400	.27809	105.82000	861.89000	150.66000	265.00000	.69563	.31830	2.98670
7.516	3.300	14.58500	.27672	105.78000	861.61000	151.31000	265.00000	.69429	.31821	2.97370
7.522	3.500	14.58800	.27664	105.70000	860.97000	152.01000	265.00000	.68969	.31781	2.97640
7.520	3.700	14.59400	.27662	105.72000	861.14000	152.64000	265.00000	.68905	.31746	2.97550
GRADIENT		.02429	.00050	-.19572	-1.44713	2.42143	2.00000	-.00420	.00057	.01420

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E186) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2340/0 RN/L = 7.56 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.610	-4.400	14.45500	.28082	105.87000	861.08000	126.71000	244.00000	.71407	.32149	3.01120
7.588	-4.200	14.46000	.27963	105.79000	860.43000	128.05000	245.00000	.71466	.32125	3.00220
7.603	-4.000	14.45900	.27993	105.73000	859.96000	128.89000	246.00000	.71580	.32080	3.00820
7.593	-3.800	14.46300	.27966	105.75000	860.21000	129.56000	247.00000	.71677	.32063	3.00420
7.599	-3.600	14.46500	.28009	105.80000	860.65000	130.28000	248.00000	.71696	.32063	3.00670
7.587	-3.400	14.46700	.27986	105.86000	861.13000	131.08000	249.00000	.72138	.32058	3.00200
7.585	-3.200	14.46600	.27976	105.85000	861.12000	131.89000	250.00000	.72190	.32031	3.00120
7.565	-3.000	14.47000	.27892	105.83000	860.97000	132.73000	251.00000	.71795	.31994	2.99320
7.567	-2.800	14.47400	.27908	105.85000	861.19000	133.55000	252.00000	.71911	.31967	2.99400
7.577	-2.600	14.47900	.27926	105.81000	860.84000	134.35000	253.00000	.71550	.31959	2.99800
7.571	-2.400	14.48500	.27897	105.79000	860.77000	135.09000	254.00000	.71198	.31978	2.99550
7.549	-2.200	14.48600	.27822	105.81000	860.91000	135.91000	254.00000	.71209	.31960	2.98700
7.546	-2.000	14.48800	.27820	105.83000	861.10000	136.70000	255.00000	.70942	.31927	2.98590
7.531	-1.800	14.49000	.27782	105.88000	861.56000	137.47000	256.00000	.70488	.31897	2.97970
7.525	-1.600	14.49500	.27773	105.91000	861.81000	138.36000	257.00000	.70825	.31861	2.97760
7.534	-1.400	14.49900	.27799	105.89000	861.71000	139.12000	258.00000	.70865	.31826	2.98120
7.524	-1.200	14.50200	.27803	106.00000	862.61000	139.86000	258.00000	.70763	.31825	2.97720
7.523	-1.000	14.50400	.27792	105.98000	862.50000	140.45000	259.00000	.71046	.31804	2.97680
7.545	-.800	14.50900	.27797	105.79000	860.99000	140.94000	260.00000	.70511	.31791	2.98540
7.560	-.600	14.51600	.27788	105.63000	859.69000	141.35000	261.00000	.70630	.31808	2.99140
7.554	-.400	14.52200	.27853	105.85000	861.56000	141.82000	262.00000	.70980	.31813	2.98890
7.534	-.200	14.52500	.27847	106.02000	862.98000	142.19000	262.00000	.70944	.31820	2.98110
7.546	.000	14.53100	.27880	106.00000	862.80000	142.63000	263.00000	.70805	.31857	2.98580
7.567	.200	14.53200	.27874	105.78000	861.11000	143.16000	263.00000	.70702	.31860	2.99420
7.589	.400	14.53900	.27890	105.62000	859.84000	143.67000	263.00000	.70526	.31856	3.00280
7.596	.600	14.54100	.27938	105.68000	860.35000	144.28000	263.00000	.70766	.31873	3.00550
7.566	.800	14.54300	.27888	105.84000	861.67000	144.77000	264.00000	.70849	.31916	2.99350
7.555	1.000	14.55000	.27859	105.87000	861.91000	145.21000	265.00000	.70724	.31895	2.98950
7.554	1.200	14.55300	.27864	105.89000	862.12000	145.62000	265.00000	.70639	.31877	2.98900
7.566	1.400	14.56200	.27927	105.94000	862.61000	145.99000	265.00000	.70751	.31889	2.99350
7.584	1.600	14.56500	.27928	105.78000	861.30000	146.31000	265.00000	.70579	.31878	3.00070
7.577	1.800	14.56700	.27958	105.92000	862.44000	146.69000	265.00000	.70574	.31896	2.99820
7.566	2.000	14.57200	.27955	106.01000	863.27000	147.15000	265.00000	.70610	.31939	2.99380
7.558	2.200	14.57300	.27864	105.86000	862.09000	147.69000	265.00000	.70409	.31946	2.99040
7.532	2.400	14.57400	.27786	105.91000	862.50000	148.33000	265.00000	.70246	.31919	2.98020
7.519	2.600	14.58000	.27757	105.96000	862.91000	148.95000	265.00000	.69974	.31874	2.97510
7.518	2.800	14.57900	.27748	105.95000	862.87000	149.61000	265.00000	.70033	.31829	2.97470
7.540	3.000	14.58400	.27783	105.84000	862.00000	150.31000	265.00000	.69766	.31840	2.98320
7.539	3.200	14.58500	.27768	105.81000	861.80000	151.00000	265.00000	.69475	.31823	2.98290
7.523	3.400	14.58600	.27670	105.71000	861.04000	151.67000	265.00000	.69233	.31802	2.97650
7.524	3.600	14.58900	.27696	105.76000	861.52000	152.41000	265.00000	.68867	.31749	2.97710
7.518	3.799	14.59100	.27660	105.73000	861.25000	152.78000	265.00000	.68712	.31740	2.97470
GRADIENT	.02071	.00098	-.09821	-.59464	2.40357	1.60714	-.00132	.00057	.01486	

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E087) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 341/0 RN/L = 7.61 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.609	-4.447	19.30300	.27678	104.91000	854.08000	146.60000	207.00000	.77806	.31706	3.01060
7.623	-4.300	19.31100	.27731	104.92000	854.23000	148.22000	208.00000	.77568	.31695	3.01610
7.626	-4.100	19.32400	.27713	104.84000	853.63000	149.06000	209.00000	.77468	.31705	3.01750
7.631	-3.900	19.32300	.27743	104.87000	853.91000	149.87000	210.00000	.77481	.31696	3.01950
7.636	-3.700	19.32700	.27749	104.85000	853.71000	150.52000	211.00000	.77486	.31715	3.02140
7.631	-3.500	19.32700	.27708	104.79000	853.32000	151.32000	211.00000	.76797	.31724	3.01930
7.638	-3.300	19.33400	.27751	104.84000	853.71000	152.21000	212.00000	.76972	.31722	3.02200
7.642	-3.100	19.33900	.27796	104.91000	854.32000	153.15000	213.00000	.76447	.31731	3.02390
7.636	-2.900	19.34500	.27759	104.88000	854.10000	153.94000	213.00000	.76536	.31749	3.02130
7.640	-2.700	19.35000	.27749	104.82000	853.62000	154.72000	214.00000	.76654	.31754	3.02300
7.620	-2.500	19.35000	.27656	104.76000	853.21000	155.45000	214.00000	.76274	.31746	3.01520
7.612	-2.300	19.35400	.27642	104.81000	853.62000	156.30000	214.00000	.75814	.31702	3.01170
7.594	-2.100	19.35700	.27585	104.83000	853.81000	157.11000	215.00000	.75861	.31691	3.00470
7.595	-1.900	19.36000	.27558	104.75000	853.23000	157.82000	216.00000	.75777	.31676	3.00510
7.584	-1.700	19.36900	.27522	104.76000	853.30000	158.52000	216.00000	.75491	.31617	3.00090
7.589	-1.500	19.37600	.27581	104.87000	854.20000	159.24000	217.00000	.75701	.31585	3.00290
7.602	-1.300	19.37800	.27549	104.67000	852.63000	159.87000	217.00000	.75393	.31592	3.00790
7.613	-1.100	19.38600	.27603	104.71000	852.99000	160.57000	218.00000	.75221	.31619	3.01210
7.584	-.900	19.39200	.27560	104.86000	854.27000	161.25000	218.00000	.75824	.31616	3.00080
7.573	-.700	19.39500	.27529	104.89000	854.47000	161.82000	219.00000	.75944	.31604	2.99650
7.585	-.500	19.40000	.27556	104.84000	854.16000	162.46000	219.00000	.75090	.31563	3.00130
7.583	-.300	19.40600	.27529	104.80000	853.84000	163.15000	219.00000	.75427	.31563	3.00030
7.579	-.100	19.40800	.27531	104.84000	854.18000	163.74000	220.00000	.75949	.31553	2.99900
7.583	.100	19.41300	.27545	104.85000	854.25000	164.40000	220.00000	.75928	.31550	3.00030
7.594	.300	19.41900	.27560	104.78000	853.79000	165.05000	220.00000	.75967	.31546	3.00460
7.616	.500	19.42500	.27605	104.69000	853.08000	165.70000	220.00000	.75765	.31539	3.01350
7.625	.700	19.43200	.27621	104.65000	852.77000	166.32000	221.00000	.75583	.31586	3.01710
7.620	.900	19.43500	.27622	104.71000	853.23000	166.96000	221.00000	.76304	.31610	3.01490
7.603	1.100	19.44000	.27599	104.80000	854.02000	167.59000	221.00000	.76251	.31609	3.00850
7.594	1.300	19.44300	.27567	104.81000	854.14000	168.22000	222.00000	.76104	.31588	3.00460
7.644	1.500	19.45300	.27724	104.74000	853.61000	168.93000	222.00000	.75756	.31563	3.02470
7.652	1.700	19.45700	.27665	104.53000	851.88000	169.54000	223.00000	.75448	.31631	3.02770
7.656	1.900	19.46100	.27685	104.54000	852.01000	170.18000	223.00000	.75246	.31745	3.02940
7.636	2.100	19.46400	.27656	104.66000	853.01000	170.79000	224.00000	.74900	.31735	3.02120
7.625	2.300	19.47100	.27661	104.76000	853.91000	171.44000	225.00000	.74465	.31723	3.01710
7.612	2.500	19.47400	.27635	104.83000	854.45000	172.07000	225.00000	.74574	.31690	3.01170
7.617	2.700	19.47700	.27660	104.84000	854.60000	172.79000	226.00000	.74591	.31669	3.01380
7.617	2.900	19.48400	.27661	104.85000	854.69000	173.41000	226.00000	.74948	.31665	3.01370
7.618	3.100	19.48900	.27679	104.88000	855.01000	174.07000	226.00000	.74881	.31657	3.01420
7.605	3.300	19.49100	.27631	104.88000	855.04000	174.75000	226.00000	.74828	.31662	3.00900
7.611	3.458	19.49500	.27649	104.87000	854.98000	175.10000	227.00000	.74497	.31669	3.01140
	GRADIENT	.02414	.00050	-.11429	-.78286	3.22286	1.14286	.00711	-.00025	.01074

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E187) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2341/ 0 RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.614	-4.400	19.30700	.27700	104.92000	854.17000	147.46000	207.00000	.77458	.31684	3.01280
7.622	-4.200	19.32100	.27723	104.90000	854.11000	148.56000	208.00000	.77821	.31705	3.01600
7.635	-4.000	19.32200	.27738	104.83000	853.52000	149.42000	209.00000	.77176	.31694	3.02100
7.634	-3.800	19.32700	.27752	104.88000	853.94000	150.19000	210.00000	.77575	.31704	3.02040
7.639	-3.600	19.32600	.27748	104.82000	853.52000	150.98000	211.00000	.77311	.31726	3.02240
7.630	-3.400	19.33000	.27715	104.82000	853.53000	151.76000	212.00000	.77403	.31724	3.01900
7.645	-3.200	19.33800	.27787	104.86000	853.92000	152.65000	213.00000	.76510	.31725	3.02500
7.631	-3.000	19.34200	.27755	104.91000	854.37000	153.50000	213.00000	.76359	.31744	3.01940
7.639	-2.800	19.34700	.27760	104.85000	853.89000	154.34000	214.00000	.76737	.31751	3.02260
7.633	-2.600	19.35100	.27715	104.79000	853.46000	155.09000	214.00000	.76488	.31753	3.02020
7.613	-2.400	19.35100	.27630	104.77000	853.27000	155.91000	214.00000	.76020	.31722	3.01210
7.603	-2.200	19.35800	.27619	104.83000	853.80000	156.69000	215.00000	.75962	.31694	3.00830
7.600	-2.000	19.36000	.27590	104.78000	853.44000	157.45000	215.00000	.75750	.31683	3.00730
7.583	-1.800	19.36400	.27516	104.75000	853.24000	158.21000	216.00000	.75716	.31660	3.00050
7.596	-1.600	19.37200	.27585	104.81000	853.71000	158.89000	216.00000	.75485	.31596	3.00570
7.590	-1.400	19.37700	.27565	104.82000	853.81000	159.55000	217.00000	.75553	.31582	3.00330
7.612	-1.200	19.38200	.27567	104.62000	852.26000	160.23000	218.00000	.75288	.31607	3.01190
7.595	-1.000	19.38700	.27584	104.83000	853.94000	160.94000	218.00000	.75456	.31621	3.00510
7.579	-.800	19.39200	.27542	104.87000	854.30000	161.52000	218.00000	.76030	.31608	2.99870
7.567	-.600	19.39700	.27508	104.89000	854.54000	162.11000	219.00000	.75479	.31580	2.99400
7.588	-.400	19.40400	.27543	104.79000	853.73000	162.78000	219.00000	.75007	.31556	3.00230
7.575	-.200	19.40700	.27512	104.83000	854.08000	163.46000	220.00000	.75679	.31558	2.99730
7.589	.000	19.41000	.27571	104.85000	854.30000	164.06000	220.00000	.76045	.31548	3.00280
7.583	.200	19.41400	.27532	104.81000	853.97000	164.73000	220.00000	.76138	.31547	3.00050
7.604	.400	19.42200	.27580	104.74000	853.42000	165.36000	220.00000	.75782	.31538	3.00880
7.619	.600	19.42900	.27622	104.71000	853.20000	165.99000	220.00000	.75592	.31558	3.01480
7.629	.800	19.43500	.27639	104.66000	852.89000	166.70000	221.00000	.75993	.31611	3.01850
7.607	1.000	19.43800	.27592	104.75000	853.59000	167.28000	221.00000	.76340	.31610	3.00990
7.597	1.200	19.44100	.27593	104.84000	854.40000	167.96000	222.00000	.76207	.31604	3.00600
7.618	1.400	19.44800	.27637	104.76000	853.73000	168.55000	222.00000	.76007	.31568	3.01440
7.640	1.600	19.45500	.27690	104.69000	853.25000	169.24000	223.00000	.75616	.31590	3.02310
7.672	1.800	19.46000	.27692	104.41000	850.94000	169.85000	223.00000	.75286	.31694	3.03580
7.640	2.000	19.46300	.27665	104.64000	852.82000	170.47000	224.00000	.75132	.31754	3.02300
7.642	2.200	19.46800	.27682	104.66000	853.07000	171.08000	225.00000	.74279	.31727	3.02380
7.614	2.400	19.47200	.27635	104.80000	854.25000	171.72000	225.00000	.74560	.31711	3.01260
7.613	2.600	19.47600	.27646	104.84000	854.61000	172.41000	225.00000	.74527	.31671	3.01220
7.621	2.800	19.48100	.27676	104.84000	854.64000	173.09000	226.00000	.74899	.31667	3.01550
7.618	3.000	19.48600	.27673	104.86000	854.84000	173.79000	226.00000	.75050	.31665	3.01430
7.606	3.200	19.49000	.27642	104.90000	855.16000	174.43000	226.00000	.74802	.31664	3.00940
7.607	3.400	19.49400	.27640	104.88000	855.04000	175.01000	227.00000	.74698	.31666	3.01000
	GRADIENT	.02482	.00078	-.11786	-.84821	3.22679	.89286	.00419	-.00020	.01404

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E088) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 386/ 0 RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.311	-2.153	19.67900	.09959	117.16000	947.74000	9999.00000	9999.00000	.27720	.11745	.91453
2.304	-2.021	19.67500	.09938	117.25000	948.51000	9999.00000	9999.00000	.27726	.11749	.91156
2.304	-1.887	19.67900	.09938	117.26000	948.63000	9999.00000	9999.00000	.27726	.11753	.91145
2.301	-1.742	19.67700	.09938	117.36000	949.49000	9999.00000	9999.00000	.27750	.11756	.91028
2.302	-1.620	19.68600	.09941	117.36000	949.49000	9999.00000	9999.00000	.27658	.11762	.91065
2.305	-1.486	19.68300	.09931	117.15000	947.78000	9999.00000	9999.00000	.27609	.11764	.91216
2.313	-1.370	19.68600	.09942	116.96000	946.32000	9999.00000	9999.00000	.27621	.11762	.91535
2.309	-1.245	19.69400	.09929	117.00000	946.65000	9999.00000	9999.00000	.27640	.11758	.91373
2.308	-1.121	19.69200	.09927	117.03000	946.93000	9999.00000	9999.00000	.27560	.11756	.91318
2.308	-1.018	19.70000	.09938	117.12000	947.62000	9999.00000	9999.00000	.27510	.11756	.91327
2.296	-.712	19.71300	.09923	117.42000	950.14000	9999.00000	9999.00000	.27492	.11751	.90845
2.304	-.517	19.71200	.09922	117.15000	947.99000	9999.00000	9999.00000	.27516	.11754	.91149
2.313	-.353	19.71600	.09928	116.89000	945.96000	9999.00000	9999.00000	.27479	.11754	.91508
2.307	-.191	19.72000	.09919	117.00000	946.89000	9999.00000	9999.00000	.27498	.11754	.91288
2.312	-.047	19.71700	.09914	116.80000	945.27000	9999.00000	9999.00000	.27443	.11749	.91488
2.317	.099	19.72600	.09925	116.74000	944.78000	9999.00000	9999.00000	.27356	.11747	.91666
2.316	.245	19.73500	.09917	116.70000	944.50000	9999.00000	9999.00000	.27406	.11747	.91643
2.309	.388	19.73800	.09921	116.95000	946.57000	9999.00000	9999.00000	.27455	.11747	.91379
2.302	.533	19.73700	.09915	117.17000	948.39000	9999.00000	9999.00000	.27461	.11745	.91071
2.303	.673	19.74500	.09931	117.26000	949.12000	9999.00000	9999.00000	.27449	.11743	.91113
2.302	.812	19.74800	.09919	117.20000	948.68000	9999.00000	9999.00000	.27455	.11743	.91072
2.300	.958	19.75200	.09917	117.26000	949.16000	9999.00000	9999.00000	.27461	.11741	.90998
2.303	1.101	19.75000	.09916	117.14000	948.27000	9999.00000	9999.00000	.27553	.11741	.91122
2.298	1.246	19.75300	.09914	117.30000	949.61000	9999.00000	9999.00000	.27566	.11739	.90916
2.296	1.390	19.75700	.09926	117.45000	950.83000	9999.00000	9999.00000	.27529	.11737	.90858
2.293	1.692	19.76900	.09928	117.58000	951.92000	9999.00000	9999.00000	.27498	.11737	.90733
2.289	1.839	19.77300	.09926	117.71000	953.02000	9999.00000	9999.00000	.27547	.11739	.90562
2.287	1.988	19.77600	.09936	117.85000	954.20000	9999.00000	9999.00000	.27535	.11735	.90490
2.289	2.167	19.78200	.10001	118.31000	958.58000	9999.00000	9999.00000	.27572	.11782	.90582
	GRADIENT	.02703	-.00006	-.04900	-.20449	.00000	.00000	-.00071	-.00010	.00012

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102 LESS OMS PODS

(T7E089) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1386/ 0 RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.266	-1.882	19.68500	.09854	118.07000	958.86000	9999.00000	9999.00000	.27566	.11715	.89650
2.278	-1.718	19.68500	.09889	117.91000	957.44000	9999.00000	9999.00000	.27676	.11751	.90152
2.301	-1.553	19.69500	.09943	117.56000	954.48000	9999.00000	9999.00000	.27775	.11794	.91036
2.298	-1.382	19.69600	.10001	118.12000	958.94000	9999.00000	9999.00000	.27769	.11820	.90911
2.302	-1.205	19.70600	.10028	118.18000	959.31000	9999.00000	9999.00000	.27855	.11822	.91081
2.315	-1.034	19.70500	.10054	117.93000	957.20000	9999.00000	9999.00000	.27806	.11810	.91597
2.316	-.849	19.71000	.10035	117.75000	955.66000	9999.00000	9999.00000	.27769	.11798	.91624
2.316	-.677	19.71800	.10040	117.77000	955.70000	9999.00000	9999.00000	.27793	.11792	.91642
2.316	-.497	19.72200	.10021	117.62000	954.36000	9999.00000	9999.00000	.27793	.11786	.91640
2.301	-.309	19.72600	.10016	118.09000	958.09000	9999.00000	9999.00000	.27744	.11766	.91042
2.299	-.143	19.73100	.10002	118.04000	957.52000	9999.00000	9999.00000	.27769	.11758	.90977
2.294	.036	19.73300	.09995	118.14000	958.29000	9999.00000	9999.00000	.27756	.11753	.90782
2.292	.217	19.73700	.09964	117.99000	956.96000	9999.00000	9999.00000	.27646	.11754	.90669
2.301	.397	19.74100	.09970	117.72000	954.60000	9999.00000	9999.00000	.27720	.11753	.91039
2.296	.590	19.75100	.09967	117.84000	955.49000	9999.00000	9999.00000	.27750	.11756	.90865
2.303	.763	19.75000	.09965	117.60000	953.46000	9999.00000	9999.00000	.27769	.11768	.91110
2.305	.935	19.75400	.09976	117.59000	953.30000	9999.00000	9999.00000	.27732	.11772	.91218
2.301	1.107	19.75800	.09980	117.78000	954.68000	9999.00000	9999.00000	.27744	.11780	.91035
2.296	1.312	19.76300	.09995	118.05000	956.75000	9999.00000	9999.00000	.27738	.11786	.90855
2.300	1.540	19.76200	.10011	118.04000	956.59000	9999.00000	9999.00000	.27658	.11788	.91002
2.292	1.770	19.77300	.09996	118.19000	957.69000	9999.00000	9999.00000	.27572	.11786	.90691
	GRADIENT	.02450	-.00058	-.02664	-.83096	-.00004	-.00004	-.00059	-.00024	-.00522

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E090) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 342/0 RN/L = 7.65 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.724	-4.451	24.04300	.28161	105.04000	854.42000	172.89000	200.00000	.85111	.32040	3.05610
7.745	-4.300	24.05800	.28219	104.99000	854.13000	174.46000	201.00000	.85698	.32075	3.06440
7.752	-4.100	24.05900	.28222	104.94000	853.72000	175.29000	202.00000	.86281	.32081	3.06720
7.757	-3.900	24.06300	.28198	104.84000	852.92000	176.18000	202.00000	.85823	.32079	3.06930
7.759	-3.700	24.06600	.28200	104.82000	852.84000	176.99000	203.00000	.85685	.32095	3.07010
7.757	-3.500	24.07200	.28205	104.85000	853.11000	177.87000	203.00000	.85287	.32105	3.06940
7.767	-3.300	24.07900	.28251	104.88000	853.42000	178.74000	204.00000	.84794	.32117	3.07320
7.742	-3.100	24.07800	.28116	104.78000	852.57000	179.62000	205.00000	.84794	.32160	3.06330
7.732	-2.900	24.07800	.28036	104.67000	851.72000	180.47000	205.00000	.85239	.32117	3.05950
7.715	-2.700	24.08100	.27945	104.60000	851.20000	181.16000	206.00000	.84247	.32041	3.05250
7.702	-2.500	24.08400	.27902	104.61000	851.30000	181.81000	206.00000	.84321	.31965	3.04750
7.713	-2.300	24.09500	.27964	104.66000	851.80000	182.55000	207.00000	.84187	.31911	3.05200
7.713	-2.100	24.09900	.27983	104.71000	852.24000	183.25000	207.00000	.83437	.31897	3.05190
7.712	-1.900	24.10900	.28002	104.77000	852.75000	183.94000	208.00000	.83771	.31888	3.05160
7.694	-1.700	24.11200	.27932	104.76000	852.72000	184.58000	208.00000	.83533	.31888	3.04440
7.706	-1.500	24.11900	.27939	104.68000	852.06000	185.23000	208.00000	.83350	.31866	3.04890
7.710	-1.300	24.12700	.27955	104.68000	852.11000	185.93000	209.00000	.83566	.31847	3.05070
7.713	-1.100	24.13400	.27966	104.68000	852.13000	186.59000	209.00000	.83760	.31852	3.05200
7.723	-.900	24.14100	.28005	104.69000	852.26000	187.20000	210.00000	.83532	.31853	3.05590
7.724	-.700	24.15000	.28016	104.71000	852.49000	187.79000	210.00000	.83738	.31870	3.05610
7.701	-.500	24.15200	.27909	104.65000	852.07000	188.52000	210.00000	.83217	.31902	3.04700
7.669	-.300	24.15400	.27779	104.62000	851.79000	189.18000	210.00000	.83031	.31864	3.03450
7.645	-.100	24.15700	.27684	104.60000	851.69000	189.82000	210.00000	.82694	.31793	3.02500
7.621	.100	24.15700	.27599	104.61000	851.82000	190.44000	210.00000	.82193	.31698	3.01530
7.617	.300	24.16500	.27642	104.76000	853.06000	191.08000	211.00000	.82051	.31620	3.01370
7.587	.500	24.16900	.27542	104.78000	853.30000	191.73000	211.00000	.82233	.31591	3.00180
7.583	.700	24.17000	.27519	104.76000	853.15000	192.33000	212.00000	.81491	.31529	3.00040
7.557	.900	24.17600	.27477	104.89000	854.27000	192.95000	213.00000	.81041	.31496	2.99020
7.560	1.100	24.18200	.27531	105.01000	855.26000	193.55000	214.00000	.80959	.31460	2.99120
7.550	1.300	24.19000	.27482	104.98000	855.06000	194.22000	214.00000	.81142	.31430	2.98720
7.555	1.500	24.19500	.27485	104.94000	854.79000	194.83000	215.00000	.80959	.31410	2.98930
7.565	1.700	24.20200	.27523	104.94000	854.84000	195.35000	216.00000	.80610	.31458	2.99340
7.553	1.900	24.20500	.27461	104.90000	854.50000	195.96000	217.00000	.80393	.31456	2.98870
7.566	2.100	24.21400	.27520	104.93000	854.85000	196.60000	217.00000	.79942	.31431	2.99350
7.559	2.300	24.22200	.27547	105.06000	855.92000	197.22000	218.00000	.80390	.31446	2.99110
7.540	2.500	24.22400	.27503	105.13000	856.52000	197.85000	218.00000	.80383	.31446	2.98350
7.564	2.700	24.23300	.27558	105.06000	855.96000	198.47000	219.00000	.79772	.31442	2.99270
7.568	2.900	24.23900	.27589	105.09000	856.32000	199.11000	219.00000	.79264	.31468	2.99450
7.548	3.100	24.24400	.27576	105.24000	857.58000	199.75000	220.00000	.79750	.31496	2.98670
7.566	3.300	24.25700	.27634	105.23000	857.52000	200.38000	220.00000	.80029	.31494	2.99360
7.553	3.500	24.25900	.27600	105.27000	857.86000	201.04000	221.00000	.80041	.31557	2.98840
	GRADIENT	.01686	-.00333	.15429	1.44143	3.19571	1.14286	-.01194	-.00340	-.04259

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E190) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = > 25.000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2342/0 RN/L = 7.65 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.730	-4.400	24.04300	.28164	104.99000	854.04000	173.80000	200.00000	.85313	.32066	3.05870
7.744	-4.200	24.06000	.28214	104.99000	854.10000	174.91000	201.00000	.85975	.32071	3.06420
7.759	-4.000	24.06100	.28230	104.90000	853.42000	175.77000	202.00000	.85966	.32077	3.06990
7.756	-3.800	24.06600	.28186	104.82000	852.76000	176.59000	203.00000	.85765	.32087	3.06890
7.757	-3.600	24.06800	.28199	104.84000	852.97000	177.43000	203.00000	.85414	.32101	3.06940
7.763	-3.400	24.07300	.28239	104.88000	853.38000	178.29000	204.00000	.85240	.32113	3.07180
7.755	-3.200	24.07800	.28188	104.84000	853.06000	179.16000	204.00000	.84712	.32133	3.06830
7.741	-3.000	24.07800	.28088	104.72000	852.12000	180.02000	205.00000	.85154	.32155	3.06280
7.721	-2.800	24.08000	.27969	104.60000	851.16000	180.83000	206.00000	.84718	.32081	3.05520
7.705	-2.600	24.08300	.27918	104.62000	851.38000	181.48000	206.00000	.84058	.32003	3.04870
7.704	-2.400	24.08900	.27919	104.63000	851.54000	182.22000	207.00000	.84450	.31934	3.04820
7.715	-2.200	24.09900	.27987	104.70000	852.14000	182.92000	207.00000	.83503	.31901	3.05280
7.713	-2.000	24.10700	.27990	104.73000	852.39000	183.60000	207.00000	.83565	.31890	3.05200
7.704	-1.800	24.11100	.27982	104.79000	852.97000	184.30000	208.00000	.83676	.31890	3.04840
7.697	-1.600	24.11500	.27924	104.72000	852.40000	184.98000	208.00000	.83640	.31882	3.04540
7.711	-1.400	24.12400	.27955	104.66000	851.99000	185.60000	209.00000	.83228	.31855	3.05120
7.712	-1.200	24.13200	.27964	104.68000	852.16000	186.25000	209.00000	.83817	.31850	3.05150
7.715	-1.000	24.13900	.27974	104.68000	852.19000	186.90000	209.00000	.83577	.31849	3.05280
7.724	-.800	24.14500	.28011	104.70000	852.39000	187.49000	210.00000	.83606	.31858	3.05600
7.709	-.600	24.14900	.27955	104.69000	852.37000	188.17000	210.00000	.83476	.31893	3.05030
7.686	-.400	24.15200	.27847	104.63000	851.91000	188.84000	210.00000	.83230	.31892	3.04120
7.656	-.200	24.15500	.27726	104.60000	851.70000	189.50000	210.00000	.82676	.31838	3.02940
7.627	.000	24.15700	.27622	104.61000	851.79000	190.16000	210.00000	.82586	.31746	3.01790
7.617	.200	24.16400	.27604	104.66000	852.23000	190.79000	210.00000	.82282	.31651	3.01380
7.601	.400	24.16700	.27609	104.82000	853.60000	191.40000	211.00000	.82483	.31605	3.00740
7.587	.600	24.17100	.27515	104.72000	852.78000	192.04000	212.00000	.81580	.31565	3.00180
7.569	.800	24.17300	.27491	104.82000	853.70000	192.67000	212.00000	.81351	.31512	2.99470
7.558	1.000	24.18000	.27509	104.96000	854.85000	193.29000	213.00000	.80840	.31472	2.99070
7.552	1.200	24.18700	.27511	105.02000	855.41000	193.88000	214.00000	.81209	.31446	2.98830
7.558	1.400	24.19200	.27493	104.93000	854.66000	194.50000	215.00000	.80911	.31414	2.99060
7.558	1.600	24.20000	.27504	104.96000	854.93000	195.08000	216.00000	.81115	.31427	2.99070
7.565	1.800	24.20400	.27515	104.93000	854.72000	195.67000	216.00000	.80427	.31467	2.99330
7.557	2.000	24.21000	.27467	104.88000	854.38000	196.29000	217.00000	.80048	.31428	2.99010
7.558	2.200	24.21800	.27526	105.02000	855.55000	196.85000	217.00000	.80247	.31454	2.99070
7.556	2.400	24.22300	.27547	105.09000	856.20000	197.51000	218.00000	.80421	.31439	2.98980
7.551	2.600	24.23000	.27533	105.11000	856.35000	198.15000	219.00000	.80371	.31453	2.98780
7.564	2.800	24.23700	.27541	105.01000	855.57000	198.78000	219.00000	.79200	.31446	2.99300
7.567	3.000	24.24400	.27626	105.20000	857.18000	199.45000	220.00000	.79878	.31486	2.99420
7.550	3.200	24.25000	.27587	105.26000	857.75000	200.11000	220.00000	.79573	.31498	2.98720
7.556	3.400	24.25700	.27609	105.26000	857.80000	200.74000	220.00000	.80096	.31512	2.98960
7.553	3.565	24.26000	.27600	105.27000	857.88000	201.27000	221.00000	.80182	.31579	2.98840
	GRADIENT	.01875	-.00342	.09464	.91786	3.21786	1.42857	-.01353	-.00312	-.04084

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E091) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SO.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 387/ O RN/L = 2.28 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.286	-2.553	24.56700	.09880	117.54000	953.67000	9999.00000	9999.00000	.29523	.11662	.90447
2.277	-2.322	24.57300	.09885	117.89000	956.55000	9999.00000	9999.00000	.29492	.11703	.90089
2.289	-2.106	24.58000	.09899	117.58000	954.07000	9999.00000	9999.00000	.29628	.11715	.90576
2.295	-1.891	24.58700	.09899	117.38000	952.49000	9999.00000	9999.00000	.29609	.11733	.90807
2.295	-1.646	24.58700	.09887	117.28000	951.72000	9999.00000	9999.00000	.29566	.11745	.90813
2.297	-1.417	24.60000	.09897	117.30000	951.92000	9999.00000	9999.00000	.29634	.11745	.90890
2.295	-1.202	24.60000	.09883	117.27000	951.72000	9999.00000	9999.00000	.29517	.11743	.90795
2.292	-.982	24.61100	.09884	117.37000	952.57000	9999.00000	9999.00000	.29455	.11741	.90689
2.290	-.757	24.61800	.09877	117.39000	952.69000	9999.00000	9999.00000	.29375	.11741	.90607
2.285	-.537	24.62500	.09881	117.58000	954.28000	9999.00000	9999.00000	.29388	.11737	.90428
2.279	-.315	24.63100	.09886	117.83000	956.35000	9999.00000	9999.00000	.29338	.11735	.90190
2.280	-.098	24.63800	.09868	117.66000	955.01000	9999.00000	9999.00000	.29455	.11733	.90216
2.280	.118	24.65000	.09871	117.71000	955.41000	9999.00000	9999.00000	.29431	.11727	.90195
2.276	.334	24.65000	.09865	117.79000	956.10000	9999.00000	9999.00000	.29326	.11723	.90043
2.278	.556	24.66300	.09858	117.67000	955.17000	9999.00000	9999.00000	.29301	.11723	.90121
2.282	.787	24.66900	.09874	117.64000	955.01000	9999.00000	9999.00000	.29252	.11715	.90299
2.282	1.008	24.67700	.09862	117.54000	954.20000	9999.00000	9999.00000	.29092	.11717	.90311
2.279	1.237	24.68300	.09867	117.71000	955.58000	9999.00000	9999.00000	.28963	.11715	.90161
2.280	1.445	24.68800	.09871	117.69000	955.49000	9999.00000	9999.00000	.28938	.11707	.90218
2.280	1.669	24.69600	.09858	117.61000	954.84000	9999.00000	9999.00000	.28920	.11705	.90197
	GRADIENT	.03397	-.00023	.05005	.53952	.00008	.00008	-.00065	-.00015	-.00262

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OA257 (LARC 20-MG-6559) OV102 LESS OMS PODS

(T7E092) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1387/ 0 RN/L = 2.29 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.258	-2.334	24.57700	.09807	118.02000	959.96000	9999.00000	9999.00000	.29338	.11683	.89352
2.269	-2.137	24.57300	.09847	117.98000	959.51000	9999.00000	9999.00000	.29412	.11721	.89759
2.288	-1.976	24.58600	.09914	117.85000	958.42000	9999.00000	9999.00000	.29634	.11745	.90515
2.298	-1.806	24.59300	.09961	117.88000	958.58000	9999.00000	9999.00000	.29732	.11760	.90907
2.299	-1.635	24.59800	.09979	117.97000	959.23000	9999.00000	9999.00000	.29874	.11756	.90972
2.305	-1.447	24.59700	.09971	117.71000	957.04000	9999.00000	9999.00000	.29677	.11756	.91194
2.297	-1.263	24.61400	.09963	117.91000	958.66000	9999.00000	9999.00000	.29443	.11747	.90873
2.297	-1.092	24.61300	.09966	117.93000	958.70000	9999.00000	9999.00000	.29572	.11741	.90886
2.295	-.910	24.62400	.09950	117.85000	958.01000	9999.00000	9999.00000	.29431	.11729	.90823
2.295	-.712	24.63000	.09948	117.84000	957.85000	9999.00000	9999.00000	.29535	.11715	.90816
2.289	-.552	24.62800	.09923	117.84000	957.77000	9999.00000	9999.00000	.29560	.11713	.90588
2.288	-.382	24.63800	.09920	117.86000	957.93000	9999.00000	9999.00000	.29351	.11717	.90524
2.275	-.200	24.64300	.09911	118.24000	960.93000	9999.00000	9999.00000	.29166	.11719	.90009
2.281	-.037	24.64800	.09906	117.99000	958.82000	9999.00000	9999.00000	.29166	.11723	.90246
2.288	.148	24.64700	.09914	117.80000	957.24000	9999.00000	9999.00000	.29098	.11731	.90538
2.294	.334	24.65900	.09912	117.59000	955.45000	9999.00000	9999.00000	.29215	.11745	.90754
2.294	.498	24.66300	.09921	117.65000	955.90000	9999.00000	9999.00000	.29228	.11753	.90758
2.283	.689	24.66900	.09929	118.07000	959.23000	9999.00000	9999.00000	.29117	.11758	.90344
2.288	.860	24.67400	.09942	118.00000	958.62000	9999.00000	9999.00000	.29086	.11760	.90538
2.288	1.036	24.68000	.09949	118.07000	959.07000	9999.00000	9999.00000	.28963	.11758	.90524
2.302	1.237	24.68700	.09945	117.57000	954.93000	9999.00000	9999.00000	.28994	.11753	.91065
2.286	1.393	24.69100	.09950	118.14000	959.51000	9999.00000	9999.00000	.29000	.11751	.90441
2.284	1.586	24.69700	.09926	118.01000	958.33000	9999.00000	9999.00000	.28889	.11733	.90373
	GRADIENT	.03062	-.00004	-.31666	-2.91096	.00008	.00008	-.00269	.00038	.00307

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E093) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 343/ O RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.445	-4.539	28.98100	.27408	105.77000	861.69000	173.06000	215.00000	.86274	.31590	2.94590
7.440	-4.400	28.99500	.27419	105.86000	862.39000	175.20000	216.00000	.85958	.31512	2.94370
7.413	-4.200	28.99100	.27332	105.89000	862.68000	176.48000	217.00000	.86588	.31499	2.93310
7.433	-4.000	28.99700	.27362	105.77000	861.76000	177.65000	217.00000	.86422	.31472	2.94120
7.422	-3.800	29.00100	.27357	105.86000	862.53000	178.82000	218.00000	.86086	.31468	2.93680
7.400	-3.600	29.00400	.27277	105.87000	862.62000	180.04000	218.00000	.85522	.31444	2.92800
7.432	-3.400	29.01500	.27380	105.84000	862.35000	181.28000	219.00000	.85993	.31416	2.94060
7.397	-3.200	29.02000	.27304	105.97000	863.44000	182.59000	219.00000	.86341	.31435	2.92700
7.410	-3.000	29.02600	.27312	105.87000	862.66000	183.72000	219.00000	.84793	.31434	2.93200
7.409	-2.800	29.03400	.27306	105.87000	862.69000	184.79000	219.00000	.84798	.31417	2.93140
7.393	-2.600	29.03800	.27260	105.90000	862.97000	185.82000	220.00000	.84743	.31392	2.92520
7.381	-2.400	29.04100	.27205	105.88000	862.80000	186.93000	220.00000	.84774	.31371	2.92040
7.359	-2.200	29.04300	.27092	105.80000	862.16000	187.94000	220.00000	.85345	.31306	2.91160
7.366	-2.000	29.05300	.27127	105.82000	862.36000	189.00000	220.00000	.85368	.31225	2.91450
7.350	-1.800	29.05700	.27071	105.83000	862.45000	189.95000	220.00000	.84082	.31226	2.90820
7.367	-1.600	29.06700	.27112	105.77000	862.04000	190.90000	221.00000	.83805	.31189	2.91480
7.360	-1.400	29.07700	.27131	105.88000	862.96000	191.84000	221.00000	.84898	.31160	2.91230
7.374	-1.200	29.09000	.27201	105.93000	863.39000	192.85000	221.00000	.84977	.31176	2.91780
7.382	-1.000	29.09800	.27180	105.81000	862.39000	193.79000	221.00000	.84744	.31206	2.92090
7.383	-.800	29.10000	.27180	105.80000	862.35000	194.75000	221.00000	.85367	.31219	2.92120
7.387	-.600	29.11200	.27229	105.88000	863.07000	195.74000	221.00000	.85106	.31277	2.92300
7.395	-.400	29.12100	.27265	105.90000	863.22000	196.68000	221.00000	.85693	.31326	2.92620
7.388	-.200	29.12900	.27251	105.93000	863.52000	197.55000	221.00000	.85637	.31431	2.92340
7.406	.000	29.13400	.27275	105.83000	862.71000	198.49000	221.00000	.85947	.31412	2.93030
7.419	.200	29.14300	.27315	105.81000	862.55000	199.39000	221.00000	.85368	.31375	2.93560
7.422	.400	29.15300	.27334	105.83000	862.76000	200.33000	221.00000	.85165	.31348	2.93670
7.413	.600	29.16100	.27315	105.87000	863.09000	201.24000	221.00000	.85662	.31352	2.93320
7.444	.800	29.16700	.27366	105.71000	861.80000	202.03000	221.00000	.84559	.31429	2.94540
7.440	1.000	29.17000	.27382	105.79000	862.50000	202.90000	221.00000	.85242	.31422	2.94370
7.432	1.200	29.17600	.27360	105.81000	862.67000	203.71000	221.00000	.85645	.31389	2.94060
7.432	1.400	29.18200	.27301	105.66000	861.48000	204.53000	221.00000	.85124	.31382	2.94060
7.427	1.600	29.19000	.27271	105.63000	861.26000	205.31000	222.00000	.84834	.31342	2.93850
7.419	1.800	29.19800	.27289	105.75000	862.25000	206.06000	222.00000	.85039	.31313	2.93570
7.419	2.000	29.20400	.27258	105.67000	861.61000	206.86000	223.00000	.84861	.31308	2.93570
7.420	2.200	29.21000	.27259	105.66000	861.61000	207.59000	223.00000	.84579	.31327	2.93600
7.422	2.400	29.21900	.27308	105.77000	862.52000	208.37000	223.00000	.85170	.31308	2.93680
7.388	2.600	29.21700	.27184	105.78000	862.57000	209.15000	223.00000	.84988	.31313	2.92340
7.395	2.800	29.22700	.27218	105.80000	862.82000	209.91000	223.00000	.84205	.31276	2.92590
7.390	3.000	29.23200	.27214	105.84000	863.13000	210.63000	223.00000	.84092	.31236	2.92420
7.412	3.200	29.24500	.27278	105.80000	862.84000	211.40000	223.00000	.84554	.31210	2.93260
7.399	3.400	29.24200	.27202	105.73000	862.27000	212.10000	223.00000	.83883	.31246	2.92760
7.401	3.600	29.25100	.27202	105.71000	862.18000	212.48000	223.00000	.84084	.31242	2.92820
	GRADIENT	.04018	.00082	-.05179	-.32678	4.57857	-.00000	.00061	.00038	.01139

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E193) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	86.600	AIRRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2343/ O RN/L = 7.40 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.433	-4.500	28.98200	.27383	105.83000	862.15000	174.23000	215.00000	.85496	.31546	2.941000
7.425	-4.300	28.99400	.27383	105.90000	862.77000	175.82000	216.00000	.86832	.31506	2.938000
7.423	-4.100	28.99400	.27345	105.82000	862.16000	177.07000	217.00000	.86534	.31487	2.937200
7.433	-3.900	29.00000	.27375	105.81000	862.10000	178.26000	218.00000	.86076	.31469	2.940900
7.405	-3.700	29.00300	.27305	105.89000	862.76000	179.46000	218.00000	.85693	.31460	2.930100
7.419	-3.500	29.00900	.27324	105.81000	862.13000	180.60000	219.00000	.85614	.31424	2.935600
7.421	-3.300	29.02000	.27374	105.92000	863.06000	181.89000	219.00000	.86527	.31429	2.936400
7.395	-3.100	29.02300	.27283	105.94000	863.23000	183.17000	219.00000	.85346	.31428	2.925900
7.412	-2.900	29.02900	.27314	105.85000	862.56000	184.30000	219.00000	.84721	.31432	2.932800
7.404	-2.700	29.03700	.27294	105.88000	862.82000	185.30000	219.00000	.84651	.31405	2.929500
7.389	-2.500	29.04100	.27247	105.91000	863.02000	186.35000	220.00000	.84292	.31383	2.923700
7.362	-2.300	29.04000	.27115	105.82000	862.36000	187.43000	220.00000	.85104	.31344	2.912900
7.368	-2.100	29.05000	.27124	105.79000	862.12000	188.47000	220.00000	.85487	.31261	2.915300
7.359	-1.900	29.05900	.27109	105.84000	862.54000	189.48000	220.00000	.84834	.31214	2.911700
7.357	-1.700	29.06300	.27078	105.78000	862.08000	190.43000	220.00000	.83828	.31211	2.910800
7.362	-1.500	29.07200	.27121	105.84000	862.57000	191.38000	221.00000	.84554	.31173	2.913100
7.363	-1.300	29.08000	.27161	105.94000	863.40000	192.34000	221.00000	.84836	.31157	2.913400
7.379	-1.100	29.09400	.27185	105.85000	862.74000	193.34000	221.00000	.84788	.31192	2.919600
7.378	-.900	29.09800	.27173	105.82000	862.54000	194.23000	221.00000	.85035	.31215	2.919400
7.396	-.700	29.11200	.27231	105.80000	862.39000	195.22000	221.00000	.85599	.31237	2.926600
7.386	-.500	29.11700	.27233	105.91000	863.28000	196.17000	221.00000	.85183	.31297	2.922400
7.393	-.300	29.12200	.27264	105.92000	863.41000	197.11000	221.00000	.85393	.31374	2.925300
7.394	-.100	29.13200	.27260	105.91000	863.31000	198.03000	221.00000	.85896	.31439	2.925500
7.414	.100	29.13900	.27289	105.79000	862.39000	198.92000	221.00000	.85689	.31389	2.933500
7.436	.300	29.15100	.27364	105.78000	862.30000	199.86000	221.00000	.84781	.31368	2.942200
7.412	.500	29.15700	.27315	105.88000	863.13000	200.79000	221.00000	.85587	.31344	2.932800
7.423	.700	29.16200	.27326	105.80000	862.54000	201.64000	221.00000	.85260	.31382	2.937200
7.446	.900	29.17300	.27378	105.72000	861.93000	202.48000	221.00000	.84654	.31436	2.946100
7.432	1.100	29.17200	.27364	105.82000	862.72000	203.28000	221.00000	.85381	.31409	2.940700
7.442	1.300	29.18000	.27381	105.76000	862.31000	204.16000	221.00000	.85442	.31377	2.944800
7.426	1.500	29.18500	.27258	105.60000	861.02000	204.94000	222.00000	.84986	.31365	2.938300
7.425	1.700	29.19300	.27294	105.71000	861.92000	205.70000	222.00000	.84462	.31324	2.937800
7.415	1.900	29.19900	.27266	105.73000	862.12000	206.44000	222.00000	.85452	.31304	2.933900
7.424	2.100	29.20700	.27259	105.63000	861.30000	207.25000	223.00000	.84052	.31321	2.937500
7.418	2.300	29.21400	.27276	105.73000	862.18000	207.98000	223.00000	.84952	.31317	2.935100
7.402	2.500	29.21900	.27244	105.80000	862.74000	208.77000	223.00000	.85197	.31315	2.928900
7.393	2.700	29.22300	.27201	105.78000	862.60000	209.52000	223.00000	.84365	.31290	2.925200
7.386	2.900	29.22800	.27196	105.83000	863.09000	210.27000	223.00000	.83735	.31257	2.922300
7.405	3.100	29.24000	.27257	105.81000	862.92000	211.01000	223.00000	.84689	.31224	2.929800
7.398	3.300	29.24200	.27215	105.77000	862.57000	211.75000	223.00000	.84139	.31223	2.927400
7.402	3.500	29.24600	.27207	105.72000	862.19000	212.33000	223.00000	.83960	.31248	2.928600
7.400	3.611	29.25200	.27202	105.71000	862.17000	212.50000	223.00000	.84098	.31242	2.928100
	GRADIENT	.04200	.00106	-.09857	-.71428	4.60572	.00000	-.00003	.00024	.01581

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E094) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 346/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.697	-4.299	14.55100	.27755	104.34000	850.49000	121.90000	9999.00000	.70065	.32050	3.04570
7.600	-4.100	14.55900	.27515	104.63000	852.88000	123.36000	9999.00000	.70241	.31930	3.00720
7.608	-3.900	14.55700	.27527	104.59000	852.60000	124.10000	9999.00000	.69824	.31833	3.01030
7.612	-3.700	14.55800	.27511	104.51000	852.03000	124.82000	9999.00000	.70192	.31792	3.01180
7.606	-3.500	14.55900	.27514	104.57000	852.53000	125.55000	9999.00000	.70361	.31786	3.00970
7.602	-3.300	14.56600	.27568	104.76000	854.07000	126.33000	9999.00000	.70799	.31742	3.00780
7.613	-3.100	14.56700	.27609	104.75000	854.08000	127.22000	9999.00000	.70867	.31728	3.01240
7.642	-2.900	14.57100	.27616	104.51000	852.14000	128.09000	9999.00000	.70791	.31780	3.02380
7.668	-2.700	14.57400	.27683	104.45000	851.68000	128.92000	9999.00000	.70364	.31857	3.03390
7.696	-2.500	14.57900	.27767	104.40000	851.34000	129.59000	9999.00000	.69976	.31911	3.04520
7.674	-2.300	14.58200	.27719	104.49000	852.07000	130.40000	9999.00000	.70139	.31947	3.03630
7.687	-2.100	14.59100	.27765	104.48000	852.07000	131.18000	9999.00000	.70290	.31931	3.04160
7.692	-1.900	14.59600	.27779	104.47000	852.03000	131.98000	9999.00000	.69595	.31954	3.04360
7.687	-1.700	14.59800	.27762	104.48000	852.10000	132.87000	9999.00000	.69863	.31963	3.04170
7.659	-1.500	14.60200	.27696	104.57000	852.89000	133.69000	9999.00000	.69951	.31976	3.03040
7.643	-1.300	14.60500	.27621	104.52000	852.55000	134.45000	9999.00000	.69763	.31925	3.02420
7.633	-1.100	14.60400	.27574	104.51000	852.45000	135.18000	9999.00000	.69574	.31882	3.02000
7.616	-.900	14.61100	.27510	104.50000	852.40000	135.81000	9999.00000	.69827	.31862	3.01340
7.614	-.700	14.61300	.27512	104.52000	852.62000	136.28000	9999.00000	.69563	.31798	3.01280
7.600	-.500	14.61800	.27484	104.58000	853.13000	136.74000	9999.00000	.69670	.31756	3.00730
7.604	-.300	14.62200	.27501	104.58000	853.23000	137.18000	9999.00000	.69560	.31723	3.00890
7.591	-.100	14.62700	.27512	104.74000	854.57000	137.61000	9999.00000	.69935	.31693	3.00340
7.582	.100	14.62800	.27476	104.73000	854.48000	138.13000	9999.00000	.70011	.31668	3.00020
7.614	.300	14.63400	.27478	104.44000	852.18000	138.64000	9999.00000	.69502	.31676	3.01280
7.632	.500	14.63900	.27514	104.38000	851.69000	139.16000	9999.00000	.69439	.31698	3.01960
7.611	.700	14.64000	.27496	104.52000	852.87000	139.73000	9999.00000	.69206	.31684	3.01160
7.621	.900	14.64500	.27508	104.47000	852.50000	140.24000	9999.00000	.69123	.31679	3.01530
7.622	1.100	14.64900	.27540	104.54000	853.12000	140.69000	9999.00000	.68837	.31691	3.01570
7.625	1.300	14.65500	.27559	104.56000	853.31000	141.12000	9999.00000	.68818	.31711	3.01710
7.627	1.500	14.65700	.27585	104.61000	853.74000	141.64000	9999.00000	.68802	.31737	3.01790
7.618	1.700	14.66300	.27589	104.70000	854.52000	142.12000	9999.00000	.68976	.31743	3.01440
7.639	1.900	14.66700	.27616	104.58000	853.61000	142.62000	9999.00000	.68928	.31783	3.02250
7.649	2.100	14.67300	.27610	104.48000	852.80000	143.20000	9999.00000	.68909	.31796	3.02650
7.646	2.300	14.67400	.27590	104.45000	852.63000	143.79000	9999.00000	.68836	.31852	3.02540
7.647	2.500	14.67800	.27630	104.55000	853.45000	144.37000	9999.00000	.68725	.31831	3.02570
7.635	2.700	14.68200	.27635	104.67000	854.50000	145.07000	9999.00000	.68632	.31843	3.02110
7.637	2.900	14.68700	.27651	104.70000	854.77000	145.75000	9999.00000	.68374	.31835	3.02170
7.622	3.100	14.69000	.27626	104.77000	855.41000	146.37000	9999.00000	.68934	.31833	3.01570
7.616	3.300	14.69200	.27589	104.73000	855.11000	147.07000	9999.00000	.68457	.31820	3.01360
7.622	3.500	14.69900	.27653	104.84000	856.02000	147.71000	9999.00000	.68446	.31797	3.01600
7.618	3.700	14.70100	.27645	104.86000	856.27000	148.33000	9999.00000	.68110	.31804	3.01410
7.620	3.900	14.70300	.27638	104.83000	856.00000	148.96000	9999.00000	.67753	.31814	3.01500

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E094) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 346/ 0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.647	4.100	14.70900	.27701	104.74000	855.31000	149.34000	9999.00000	.67778	.31827	3.02580
	GRADIENT	.02029	.00006	-.20428	-1.49142	2.42857	.00000	-.00179	-.00065	.01000

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E194) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2346/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.610	-4.200	14.55500	.27539	104.60000	852.64000	122.97000	9999.00000	.70226	.31977	3.01090
7.603	-4.000	14.55700	.27517	104.61000	852.77000	123.70000	9999.00000	.70030	.31878	3.00820
7.613	-3.800	14.55900	.27522	104.53000	852.13000	124.52000	9999.00000	.70106	.31801	3.01230
7.607	-3.600	14.55800	.27499	104.53000	852.14000	125.15000	9999.00000	.70129	.31795	3.01000
7.600	-3.400	14.56300	.27535	104.69000	853.50000	125.96000	9999.00000	.70574	.31763	3.00710
7.610	-3.200	14.56600	.27610	104.78000	854.32000	126.77000	9999.00000	.70824	.31729	3.01110
7.625	-3.000	14.56900	.27596	104.62000	853.02000	127.68000	9999.00000	.70861	.31755	3.01690
7.657	-2.800	14.57400	.27655	104.47000	851.86000	128.50000	9999.00000	.70530	.31825	3.02960
7.690	-2.600	14.57700	.27735	104.38000	851.11000	129.23000	9999.00000	.70142	.31876	3.04270
7.679	-2.400	14.57700	.27721	104.45000	851.72000	129.98000	9999.00000	.70019	.31943	3.03820
7.679	-2.200	14.58800	.27736	104.49000	852.07000	130.82000	9999.00000	.70365	.31941	3.03820
7.688	-2.000	14.59300	.27772	104.49000	852.16000	131.53000	9999.00000	.69895	.31935	3.04200
7.689	-1.800	14.59800	.27768	104.48000	852.09000	132.52000	9999.00000	.69813	.31957	3.04220
7.681	-1.600	14.60100	.27757	104.52000	852.46000	133.33000	9999.00000	.69960	.31971	3.03930
7.648	-1.400	14.60500	.27655	104.57000	852.90000	134.08000	9999.00000	.69939	.31955	3.02600
7.641	-1.200	14.60600	.27597	104.49000	852.27000	134.82000	9999.00000	.69624	.31899	3.02320
7.617	-1.000	14.60800	.27517	104.50000	852.42000	135.50000	9999.00000	.69813	.31873	3.01390
7.614	-.800	14.61300	.27504	104.50000	852.45000	136.05000	9999.00000	.69715	.31831	3.01270
7.611	-.600	14.61600	.27515	104.55000	852.92000	136.48000	9999.00000	.69570	.31776	3.01160
7.604	-.400	14.61900	.27481	104.54000	852.81000	136.99000	9999.00000	.69756	.31739	3.00880
7.595	-.200	14.62600	.27505	104.68000	854.02000	137.44000	9999.00000	.69670	.31710	3.00530
7.590	.000	14.62700	.27519	104.76000	854.74000	137.88000	9999.00000	.70014	.31680	3.00330
7.590	.200	14.63300	.27461	104.62000	853.64000	138.41000	9999.00000	.69683	.31671	3.00300
7.627	.400	14.63600	.27499	104.38000	851.70000	138.92000	9999.00000	.69519	.31690	3.01780
7.617	.600	14.63700	.27490	104.45000	852.34000	139.47000	9999.00000	.69250	.31695	3.01370
7.604	.800	14.64300	.27480	104.54000	853.11000	139.97000	9999.00000	.69058	.31678	3.00880
7.626	1.000	14.64700	.27523	104.46000	852.43000	140.46000	9999.00000	.69037	.31688	3.01740
7.619	1.200	14.65200	.27545	104.57000	853.43000	140.89000	9999.00000	.68789	.31694	3.01470
7.623	1.400	14.65700	.27549	104.55000	853.29000	141.34000	9999.00000	.68801	.31729	3.01620
7.628	1.600	14.66100	.27623	104.69000	854.45000	141.89000	9999.00000	.68834	.31732	3.01840
7.623	1.800	14.66300	.27586	104.65000	854.16000	142.39000	9999.00000	.69051	.31767	3.01620
7.643	2.000	14.67000	.27634	104.59000	853.71000	142.92000	9999.00000	.68851	.31790	3.02410
7.661	2.200	14.67300	.27630	104.42000	852.36000	143.45000	9999.00000	.68894	.31839	3.03120
7.643	2.400	14.67600	.27585	104.47000	852.78000	144.05000	9999.00000	.68821	.31840	3.02430
7.641	2.600	14.68000	.27650	104.66000	854.36000	144.74000	9999.00000	.68752	.31840	3.02320
7.640	2.800	14.68300	.27642	104.65000	854.32000	145.41000	9999.00000	.68430	.31846	3.02290
7.626	3.000	14.68800	.27626	104.74000	855.10000	146.06000	9999.00000	.68748	.31834	3.01730
7.616	3.200	14.69200	.27593	104.75000	855.21000	146.71000	9999.00000	.68661	.31833	3.01340
7.623	3.400	14.69600	.27634	104.78000	855.57000	147.41000	9999.00000	.68542	.31807	3.01620
7.615	3.600	14.70000	.27636	104.86000	856.25000	147.98000	9999.00000	.68181	.31804	3.01310
7.616	3.800	14.70100	.27632	104.85000	856.15000	148.60000	9999.00000	.68056	.31800	3.01340
7.634	4.000	14.70600	.27669	104.78000	855.60000	149.25000	9999.00000	.67610	.31822	3.02070

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E194) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2346/0 RN/L = 7.63 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.651	4.130	14.71000	.27710	104.73000	855.22000	149.36000	9999.00000	.67844	.31828	3.02730
	GRADIENT	.01857	-.00015	-.12143	-.77500	2.46429	.00012	-.00254	-.00068	.00393

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E095) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 347/0 RN/L = 7.48 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.484	-4.524	19.34200	.27483	105.74000	864.66000	145.62000	9999.00000	.75571	.31875	2.96140
7.488	-4.400	19.34900	.27501	105.76000	864.85000	146.95000	9999.00000	.75445	.31872	2.96270
7.476	-4.200	19.35300	.27504	105.88000	865.87000	147.77000	9999.00000	.76074	.31862	2.95810
7.474	-4.000	19.35700	.27507	105.91000	866.15000	148.68000	9999.00000	.75844	.31849	2.95720
7.473	-3.800	19.36000	.27523	105.96000	866.59000	149.46000	9999.00000	.75602	.31848	2.95670
7.476	-3.600	19.36000	.27511	105.91000	866.15000	150.27000	9999.00000	.75771	.31848	2.95790
7.482	-3.400	19.36600	.27498	105.82000	865.43000	151.15000	9999.00000	.75115	.31846	2.96040
7.467	-3.200	19.36400	.27448	105.83000	865.56000	152.12000	9999.00000	.75175	.31834	2.95450
7.466	-3.000	19.37000	.27414	105.75000	864.97000	153.07000	9999.00000	.75150	.31802	2.95420
7.476	-2.800	19.37900	.27438	105.73000	864.78000	154.00000	9999.00000	.74799	.31784	2.95790
7.462	-2.600	19.38200	.27379	105.70000	864.63000	154.84000	9999.00000	.74914	.31769	2.95250
7.456	-2.400	19.38100	.27358	105.71000	864.68000	155.70000	9999.00000	.74818	.31741	2.95020
7.454	-2.200	19.39000	.27362	105.74000	864.97000	156.51000	9999.00000	.74316	.31704	2.94940
7.459	-2.000	19.39200	.27397	105.78000	865.30000	157.38000	9999.00000	.74376	.31682	2.95150
7.478	-1.800	19.39300	.27375	105.55000	863.49000	158.17000	9999.00000	.74479	.31715	2.95870
7.486	-1.600	19.40000	.27401	105.54000	863.39000	158.93000	9999.00000	.74692	.31731	2.96220
7.492	-1.400	19.41300	.27453	105.62000	864.08000	159.69000	9999.00000	.74380	.31742	2.96450
7.491	-1.200	19.42000	.27508	105.77000	865.34000	160.41000	9999.00000	.74401	.31753	2.96410
7.493	-1.000	19.42600	.27555	105.88000	866.29000	161.17000	9999.00000	.74976	.31772	2.96460
7.491	-.800	19.43200	.27488	105.72000	865.04000	161.92000	9999.00000	.74947	.31794	2.96390
7.501	-.600	19.43700	.27508	105.68000	864.72000	162.64000	9999.00000	.74699	.31822	2.96790
7.491	-.400	19.44000	.27473	105.68000	864.76000	163.39000	9999.00000	.74930	.31849	2.96410
7.488	-.200	19.44400	.27423	105.59000	864.03000	164.03000	9999.00000	.74259	.31831	2.96280
7.489	.000	19.44900	.27445	105.63000	864.40000	164.76000	9999.00000	.74710	.31831	2.96340
7.481	.200	19.45300	.27403	105.60000	864.20000	165.47000	9999.00000	.74612	.31815	2.96010
7.469	.400	19.45500	.27339	105.55000	863.81000	166.14000	9999.00000	.74768	.31774	2.95540
7.469	.600	19.46000	.27321	105.51000	863.53000	166.86000	9999.00000	.74824	.31721	2.95510
7.452	.800	19.46300	.27251	105.49000	863.34000	167.59000	9999.00000	.75018	.31662	2.94870
7.464	1.000	19.46800	.27280	105.45000	863.04000	168.23000	9999.00000	.74283	.31623	2.95350
7.480	1.200	19.47600	.27326	105.42000	862.87000	168.94000	9999.00000	.74481	.31599	2.95960
7.475	1.400	19.47900	.27286	105.37000	862.48000	169.59000	9999.00000	.74645	.31600	2.95750
7.479	1.600	19.48400	.27334	105.46000	863.20000	170.24000	9999.00000	.74215	.31631	2.95910
7.483	1.800	19.48700	.27333	105.41000	862.88000	170.92000	9999.00000	.73688	.31658	2.96090
7.487	2.000	19.49300	.27350	105.43000	863.01000	171.58000	9999.00000	.73359	.31657	2.96240
7.499	2.200	19.49900	.27377	105.38000	862.65000	172.27000	9999.00000	.73317	.31680	2.96730
7.497	2.400	19.50600	.27418	105.51000	863.77000	173.00000	9999.00000	.73720	.31707	2.96620
7.490	2.600	19.51100	.27393	105.51000	863.78000	173.71000	9999.00000	.73740	.31704	2.96370
7.501	2.800	19.51500	.27392	105.41000	862.96000	174.36000	9999.00000	.73356	.31697	2.96790
7.506	3.000	19.52100	.27397	105.37000	862.69000	175.09000	9999.00000	.73742	.31713	2.97010
7.532	3.200	19.53000	.27489	105.37000	862.71000	175.77000	9999.00000	.73401	.31701	2.98020
7.498	3.400	19.53400	.27398	105.45000	863.44000	176.47000	9999.00000	.73600	.31691	2.96680
7.521	3.600	19.53800	.27449	105.37000	862.77000	177.13000	9999.00000	.73070	.31681	2.97590

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OA257 (LARC 20-M6-6559) OV102 LESS DMS PODS

(T7E095) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 347/0 RN/L = 7.48 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.486	3.800	19.54200	.27314	105.35000	862.65000	177.81000	9999.00000	.73293	.31688	2.96220
	GRADIENT	.01929	-.00152	-.13571	-.94643	3.50000	.00012	.00072	-.00084	-.01045

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E195) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2347/ 0 RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.496	-4.500	19.34300	.27497	105.67000	864.10000	146.15000	9999.00000	.75649	.31889	2.96600
7.485	-4.300	19.35300	.27509	105.81000	865.28000	147.38000	9999.00000	.75715	.31870	2.96150
7.474	-4.100	19.35700	.27506	105.91000	866.09000	148.19000	9999.00000	.76096	.31854	2.95720
7.475	-3.900	19.35800	.27520	105.93000	866.33000	149.03000	9999.00000	.75637	.31848	2.95770
7.473	-3.700	19.36100	.27518	105.95000	866.46000	149.84000	9999.00000	.75716	.31848	2.95700
7.481	-3.500	19.36200	.27509	105.85000	865.73000	150.74000	9999.00000	.75594	.31850	2.96000
7.478	-3.300	19.36500	.27479	105.81000	865.37000	151.60000	9999.00000	.74975	.31845	2.95870
7.460	-3.100	19.36900	.27414	105.81000	865.40000	152.58000	9999.00000	.75243	.31824	2.95180
7.477	-2.900	19.37500	.27448	105.74000	864.87000	153.59000	9999.00000	.74772	.31788	2.95840
7.461	-2.700	19.38300	.27374	105.70000	864.60000	154.42000	9999.00000	.74750	.31782	2.95200
7.464	-2.500	19.38200	.27385	105.70000	864.63000	155.23000	9999.00000	.74925	.31751	2.95320
7.451	-2.300	19.38500	.27347	105.72000	864.83000	156.14000	9999.00000	.74655	.31724	2.94830
7.448	-2.100	19.39000	.27350	105.76000	865.19000	157.00000	9999.00000	.74312	.31685	2.94700
7.474	-1.900	19.39100	.27388	105.62000	864.02000	157.72000	9999.00000	.74419	.31685	2.95720
7.483	-1.700	19.39800	.27379	105.51000	863.13000	158.57000	9999.00000	.74666	.31733	2.96100
7.493	-1.500	19.40200	.27433	105.56000	863.59000	159.31000	9999.00000	.74561	.31731	2.96470
7.485	-1.300	19.41800	.27459	105.70000	864.75000	160.03000	9999.00000	.74407	.31746	2.96180
7.501	-1.100	19.42500	.27579	105.85000	866.07000	160.80000	9999.00000	.74614	.31759	2.96810
7.484	-.900	19.42900	.27507	105.83000	865.92000	161.54000	9999.00000	.75173	.31784	2.96130
7.501	-.700	19.43400	.27502	105.66000	864.54000	162.22000	9999.00000	.74879	.31809	2.96810
7.495	-.500	19.43900	.27491	105.69000	864.82000	163.01000	9999.00000	.74779	.31839	2.96570
7.493	-.300	19.44200	.27454	105.62000	864.29000	163.75000	9999.00000	.74767	.31839	2.96460
7.489	-.100	19.44600	.27433	105.60000	864.14000	164.42000	9999.00000	.74428	.31830	2.96330
7.478	.100	19.45000	.27406	105.64000	864.46000	165.10000	9999.00000	.74706	.31826	2.95900
7.474	.300	19.45300	.27370	105.59000	864.08000	165.78000	9999.00000	.74742	.31797	2.95730
7.474	.500	19.45900	.27344	105.52000	863.56000	166.50000	9999.00000	.74768	.31751	2.95730
7.453	.700	19.45900	.27273	105.54000	863.72000	167.24000	9999.00000	.74918	.31687	2.94900
7.465	.900	19.46800	.27279	105.44000	862.98000	167.88000	9999.00000	.74493	.31641	2.95370
7.476	1.100	19.47100	.27307	105.41000	862.76000	168.56000	9999.00000	.74289	.31608	2.95800
7.477	1.300	19.47400	.27300	105.38000	862.56000	169.25000	9999.00000	.74864	.31597	2.95850
7.478	1.500	19.48300	.27314	105.41000	862.79000	169.91000	9999.00000	.74390	.31623	2.95900
7.486	1.700	19.48700	.27353	105.44000	863.04000	170.57000	9999.00000	.73912	.31639	2.96220
7.485	1.900	19.49100	.27333	105.39000	862.72000	171.29000	9999.00000	.73568	.31664	2.96180
7.496	2.100	19.49600	.27377	105.41000	862.89000	171.95000	9999.00000	.73193	.31653	2.96590
7.504	2.300	19.50100	.27411	105.43000	863.05000	172.63000	9999.00000	.73498	.31705	2.96900
7.496	2.500	19.50800	.27425	105.54000	863.97000	173.32000	9999.00000	.73668	.31696	2.96600
7.488	2.700	19.51300	.27373	105.48000	863.56000	174.01000	9999.00000	.73625	.31707	2.96270
7.512	2.900	19.51900	.27421	105.38000	862.73000	174.77000	9999.00000	.73583	.31701	2.97240
7.521	3.100	19.52500	.27427	105.31000	862.22000	175.45000	9999.00000	.73518	.31709	2.97590
7.517	3.300	19.53300	.27469	105.46000	863.45000	176.05000	9999.00000	.73604	.31699	2.97430
7.516	3.500	19.53300	.27426	105.36000	862.65000	176.77000	9999.00000	.73281	.31677	2.97400
7.494	3.700	19.54000	.27361	105.40000	863.02000	177.49000	9999.00000	.73173	.31692	2.96520

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E195) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA	=	20.000	PHI	=	.000
SPDBRK	=	.000	AILRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2347 / O RN/L = 7.48 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.486	3.817	19.54200	.27309	105.34000	862.57000	177.86000	9999.00000	.73315	.31687	2.96200
	GRADIENT	.01957	-.00145	-.12857	-.94428	3.46000	.00000	.00021	-.00081	-.00974

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E096) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 382/0 RN/L = 2.27 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN	
2.274	-2.340	19.70600	.09900	118.06000	956.71000	9999.00000	9999.00000	.27646	.11732	.89964	
2.274	-2.171	19.70400	.09893	117.99000	956.14000	9999.00000	9999.00000	.27683	.11744	.89990	
2.276	-2.001	19.70400	.09891	117.92000	955.66000	9999.00000	9999.00000	.27627	.11752	.90045	
2.271	-1.840	19.70800	.09896	118.14000	957.40000	9999.00000	9999.00000	.27566	.11760	.89845	
2.270	-1.653	19.71200	.09896	118.17000	957.73000	9999.00000	9999.00000	.27486	.11767	.89805	
2.274	-1.493	19.71500	.09900	118.05000	956.79000	9999.00000	9999.00000	.27467	.11771	.89983	
2.283	-1.338	19.72000	.09922	117.92000	955.78000	9999.00000	9999.00000	.27473	.11773	.90332	
2.274	-1.169	19.72900	.09915	118.19000	957.93000	9999.00000	9999.00000	.27510	.11781	.89965	
2.268	-1.000	19.72700	.09924	118.45000	960.08000	9999.00000	9999.00000	.27486	.11785	.89758	
2.264	-.853	19.72500	.09922	118.60000	961.30000	9999.00000	9999.00000	.27442	.11787	.89574	
2.260	-.703	19.73500	.09912	118.65000	961.78000	9999.00000	9999.00000	.27412	.11793	.89414	
2.262	-.533	19.74400	.09926	118.70000	962.19000	9999.00000	9999.00000	.27486	.11795	.89492	
2.261	-.388	19.74800	.09926	118.72000	962.35000	9999.00000	9999.00000	.27479	.11801	.89475	
2.263	-.227	19.75200	.09936	118.73000	962.52000	9999.00000	9999.00000	.27473	.11801	.89548	
2.263	-.070	19.75500	.09935	118.73000	962.56000	9999.00000	9999.00000	.27486	.11805	.89539	
2.263	.094	19.75400	.09928	118.67000	962.03000	9999.00000	9999.00000	.27418	.11805	.89550	
2.262	.251	19.76300	.09921	118.66000	961.99000	9999.00000	9999.00000	.27393	.11809	.89502	
2.268	.423	19.76700	.09931	118.52000	960.93000	9999.00000	9999.00000	.27381	.11815	.89745	
2.269	.577	19.77000	.09929	118.47000	960.53000	9999.00000	9999.00000	.27424	.11813	.89789	
2.276	.727	19.77500	.09941	118.34000	959.47000	9999.00000	9999.00000	.27418	.11817	.90052	
2.275	.876	19.77200	.09929	118.27000	958.94000	9999.00000	9999.00000	.27424	.11821	.90024	
2.277	1.042	19.78800	.09939	118.29000	959.11000	9999.00000	9999.00000	.27498	.11819	.90096	
2.276	1.201	19.78500	.09928	118.22000	958.62000	9999.00000	9999.00000	.27590	.11819	.90062	
2.277	1.360	19.78400	.09948	118.36000	959.80000	9999.00000	9999.00000	.27578	.11819	.90091	
2.273	1.520	19.79300	.09930	118.35000	959.71000	9999.00000	9999.00000	.27553	.11817	.89940	
2.275	1.694	19.79200	.09946	118.43000	960.40000	9999.00000	9999.00000	.27553	.11813	.89998	
2.276	1.831	19.80100	.09951	118.43000	960.40000	9999.00000	9999.00000	.27559	.11813	.90044	
2.295	2.136	19.80900	.09959	117.82000	955.66000	9999.00000	9999.00000	.27387	.11821	.90827	
		GRADIENT	.02302	-.00000	-.21632	-1.56677	.00009	.00009	-.00092	.00016	.00248

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E097) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1382/ 0 RN/L = 2.33 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.356	-2.190	19.70600	.10079	116.84000	949.73000	9999.00000	9999.00000	.28064	.11928	.93203
2.351	-1.998	19.71600	.10084	117.02000	951.11000	9999.00000	9999.00000	.28027	.11926	.93022
2.341	-1.851	19.71400	.10080	117.31000	953.42000	9999.00000	9999.00000	.28052	.11918	.92635
2.352	-1.672	19.72400	.10083	116.98000	950.66000	9999.00000	9999.00000	.27941	.11908	.93050
2.348	-1.462	19.73000	.10099	117.21000	952.45000	9999.00000	9999.00000	.27935	.11898	.92920
2.345	-1.218	19.73500	.10078	117.17000	952.04000	9999.00000	9999.00000	.27873	.11904	.92772
2.342	-1.007	19.73400	.10076	117.25000	952.61000	9999.00000	9999.00000	.27886	.11902	.92651
2.335	-.817	19.74300	.10074	117.45000	954.15000	9999.00000	9999.00000	.27910	.11908	.92388
2.338	-.649	19.74700	.10067	117.29000	952.77000	9999.00000	9999.00000	.27836	.11908	.92510
2.339	-.454	19.75200	.10076	117.31000	952.86000	9999.00000	9999.00000	.27916	.11900	.92561
2.331	-.263	19.75700	.10068	117.55000	954.64000	9999.00000	9999.00000	.27904	.11900	.92214
2.338	-.047	19.76100	.10066	117.27000	952.33000	9999.00000	9999.00000	.27843	.11902	.92513
2.323	.123	19.76500	.10054	117.67000	955.45000	9999.00000	9999.00000	.27904	.11902	.91925
2.320	.307	19.76900	.10056	117.80000	956.43000	9999.00000	9999.00000	.27929	.11892	.91785
2.321	.507	19.77400	.10050	117.71000	955.58000	9999.00000	9999.00000	.27947	.11884	.91833
2.323	.685	19.77800	.10038	117.55000	954.20000	9999.00000	9999.00000	.27836	.11874	.91906
2.324	.872	19.78600	.10025	117.41000	952.98000	9999.00000	9999.00000	.27836	.11854	.91937
2.315	1.047	19.78500	.10020	117.66000	954.84000	9999.00000	9999.00000	.27750	.11849	.91602
2.308	1.238	19.79400	.10010	117.81000	955.98000	9999.00000	9999.00000	.27738	.11839	.91332
2.298	1.433	19.79800	.09981	117.91000	956.71000	9999.00000	9999.00000	.27652	.11833	.90942
2.301	1.627	19.79700	.09978	117.81000	955.78000	9999.00000	9999.00000	.27572	.11819	.91029
2.294	1.841	19.80200	.09965	117.92000	956.59000	9999.00000	9999.00000	.27436	.11827	.90778
	GRADIENT	.02243	-.00027	.46094	3.22198	.00010	.00010	.00041	-.00015	-.00812

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0A257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E098) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 348/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.568	-4.451	24.11900	.27453	104.85000	856.60000	168.25000	.00000	.82971	.31648	2.99460
7.563	-4.300	24.13000	.27503	105.03000	858.14000	169.79000	.00000	.83055	.31687	2.99240
7.564	-4.100	24.13200	.27488	104.98000	857.76000	170.71000	.00000	.83322	.31716	2.99300
7.564	-3.900	24.13300	.27459	104.91000	857.23000	171.65000	.00000	.83072	.31739	2.99280
7.558	-3.700	24.13500	.27432	104.90000	857.13000	172.49000	.00000	.82589	.31735	2.99050
7.532	-3.500	24.14000	.27359	104.95000	857.60000	173.35000	.00000	.83106	.31722	2.98020
7.547	-3.300	24.14400	.27387	104.89000	857.10000	174.34000	.00000	.82579	.31681	2.98610
7.538	-3.100	24.14900	.27380	104.96000	857.67000	175.29000	.00000	.81955	.31651	2.98260
7.512	-2.900	24.15700	.27322	105.05000	858.47000	176.17000	.00000	.81632	.31650	2.97240
7.527	-2.700	24.16500	.27336	104.95000	857.68000	176.96000	.00000	.81648	.31618	2.97820
7.537	-2.500	24.17000	.27316	104.81000	856.54000	177.75000	.00000	.81469	.31576	2.98210
7.525	-2.300	24.17800	.27301	104.88000	857.18000	178.55000	.00000	.81355	.31596	2.97730
7.505	-2.100	24.18200	.27302	105.07000	858.73000	179.32000	.00000	.80925	.31588	2.96960
7.510	-1.900	24.19200	.27358	105.17000	859.57000	180.10000	.00000	.81108	.31565	2.97150
7.524	-1.700	24.19700	.27392	105.12000	859.23000	180.88000	.00000	.81316	.31603	2.97710
7.506	-1.500	24.20400	.27360	105.22000	860.01000	181.64000	.00000	.81331	.31624	2.96980
7.499	-1.300	24.20900	.27353	105.26000	860.42000	182.34000	.00000	.81172	.31616	2.96700
7.501	-1.100	24.21500	.27353	105.25000	860.32000	183.11000	.00000	.81117	.31613	2.96780
7.515	-.900	24.22300	.27399	105.23000	860.20000	183.89000	.00000	.80668	.31594	2.97360
7.497	-.700	24.22500	.27314	105.19000	859.88000	184.60000	.00000	.80865	.31604	2.96630
7.512	-.500	24.23500	.27383	105.22000	860.16000	185.40000	.00000	.81000	.31575	2.97240
7.508	-.300	24.23800	.27348	105.18000	859.84000	186.11000	.00000	.81276	.31578	2.97060
7.526	-.100	24.24600	.27375	105.08000	859.06000	186.83000	.00000	.80256	.31584	2.97770
7.530	.100	24.25400	.27448	105.22000	860.26000	187.53000	.00000	.80663	.31614	2.97960
7.519	.300	24.26200	.27446	105.33000	861.17000	188.27000	.00000	.81164	.31662	2.97490
7.528	.500	24.26800	.27464	105.29000	860.87000	189.04000	.00000	.81051	.31700	2.97860
7.530	.700	24.27300	.27472	105.29000	860.94000	189.74000	.00000	.81086	.31703	2.97930
7.522	.900	24.28100	.27446	105.30000	861.05000	190.41000	.00000	.80954	.31723	2.97610
7.532	1.100	24.28500	.27501	105.35000	861.44000	191.19000	.00000	.81250	.31717	2.98020
7.547	1.300	24.29600	.27522	105.26000	860.77000	191.85000	.00000	.80535	.31742	2.98620
7.528	1.500	24.29600	.27427	105.19000	860.24000	192.52000	.00000	.80499	.31741	2.97880
7.529	1.700	24.30000	.27404	105.13000	859.71000	193.15000	.00000	.80468	.31706	2.97920
7.519	1.900	24.30300	.27315	105.00000	858.70000	193.86000	.00000	.79316	.31698	2.97510
7.486	2.100	24.30200	.27203	105.02000	858.91000	194.51000	.00000	.79161	.31643	2.96190
7.494	2.300	24.31200	.27257	105.08000	859.44000	195.12000	.00000	.79195	.31568	2.96530
7.489	2.500	24.31600	.27244	105.10000	859.60000	195.84000	.00000	.79125	.31604	2.96330
7.492	2.700	24.32400	.27283	105.18000	860.25000	196.45000	.00000	.79195	.31568	2.96420
7.494	2.900	24.33000	.27256	105.08000	859.52000	197.07000	.00000	.78617	.31551	2.96530
7.483	3.100	24.33500	.27231	105.12000	859.89000	197.77000	.00000	.78706	.31545	2.96090
7.483	3.300	24.33700	.27236	105.15000	860.09000	198.49000	.00000	.78817	.31569	2.96070
7.492	3.500	24.34300	.27220	105.01000	859.04000	199.10000	.00000	.78726	.31518	2.96450
7.511	3.689	24.34900	.27236	104.88000	857.95000	199.68000	.00000	.78434	.31504	2.97210
	GRADIENT	.03500	.00110	.13429	1.24857	3.62571	.00000	.00047	.00130	.00654

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E198) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2348/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.561	-4.400	24.12300	.27482	105.00000	857.82000	169.21000	.00000	.83137	.31670	2.99170
7.563	-4.200	24.13100	.27506	105.04000	858.18000	170.29000	.00000	.83175	.31700	2.99260
7.560	-4.000	24.13300	.27458	104.95000	857.50000	171.17000	.00000	.83288	.31729	2.99120
7.560	-3.800	24.13400	.27436	104.89000	857.02000	172.03000	.00000	.82874	.31739	2.99150
7.548	-3.600	24.13800	.27406	104.93000	857.40000	172.91000	.00000	.82890	.31729	2.98640
7.533	-3.400	24.14300	.27361	104.95000	857.60000	173.85000	.00000	.83050	.31706	2.98060
7.540	-3.200	24.14700	.27374	104.92000	857.36000	174.79000	.00000	.82093	.31662	2.98350
7.534	-3.000	24.15200	.27385	105.01000	858.14000	175.77000	.00000	.81785	.31647	2.98090
7.515	-2.800	24.15900	.27331	105.05000	858.45000	176.59000	.00000	.81547	.31645	2.97350
7.541	-2.600	24.16900	.27343	104.84000	856.75000	177.36000	.00000	.81299	.31591	2.98390
7.535	-2.400	24.17400	.27306	104.80000	856.49000	178.13000	.00000	.81641	.31584	2.98130
7.506	-2.200	24.17900	.27275	104.99000	858.08000	178.94000	.00000	.81674	.31593	2.96990
7.505	-2.000	24.18700	.27334	105.15000	859.40000	179.73000	.00000	.80833	.31563	2.96970
7.524	-1.800	24.19400	.27384	105.11000	859.08000	180.49000	.00000	.81093	.31584	2.97690
7.510	-1.600	24.20100	.27364	105.18000	859.72000	181.25000	.00000	.81464	.31619	2.97160
7.503	-1.400	24.20500	.27364	105.25000	860.27000	182.02000	.00000	.81194	.31626	2.96890
7.501	-1.200	24.21300	.27360	105.26000	860.39000	182.74000	.00000	.81552	.31610	2.96810
7.508	-1.000	24.22000	.27375	105.23000	860.22000	183.48000	.00000	.80773	.31606	2.97070
7.498	-.800	24.22400	.27331	105.22000	860.11000	184.27000	.00000	.80966	.31608	2.96680
7.501	-.600	24.23000	.27340	105.21000	860.08000	185.04000	.00000	.81012	.31591	2.96810
7.503	-.400	24.24100	.27354	105.23000	860.30000	185.79000	.00000	.81259	.31580	2.96870
7.528	-.200	24.24300	.27394	105.10000	859.24000	186.47000	.00000	.80773	.31568	2.97870
7.527	.000	24.25000	.27400	105.13000	859.51000	187.19000	.00000	.80414	.31601	2.97820
7.522	.200	24.25900	.27446	105.30000	860.90000	187.93000	.00000	.80842	.31635	2.97620
7.524	.400	24.26300	.27454	105.30000	860.95000	188.62000	.00000	.81090	.31696	2.97700
7.522	.600	24.27300	.27448	105.30000	861.02000	189.41000	.00000	.81148	.31697	2.97620
7.530	.800	24.27600	.27473	105.29000	860.93000	190.11000	.00000	.80870	.31708	2.97950
7.523	1.000	24.28300	.27452	105.31000	861.12000	190.74000	.00000	.81486	.31722	2.97650
7.548	1.200	24.29000	.27551	105.32000	861.25000	191.48000	.00000	.80973	.31725	2.98670
7.539	1.400	24.29500	.27480	105.23000	860.53000	192.19000	.00000	.80416	.31744	2.98290
7.530	1.600	24.29800	.27422	105.16000	860.02000	192.83000	.00000	.80590	.31724	2.97960
7.526	1.800	24.30100	.27350	105.02000	858.87000	193.50000	.00000	.79759	.31705	2.97790
7.504	2.000	24.30400	.27267	105.02000	858.86000	194.17000	.00000	.79087	.31683	2.96900
7.490	2.200	24.30700	.27227	105.04000	859.10000	194.81000	.00000	.79176	.31595	2.96370
7.483	2.400	24.31400	.27224	105.10000	859.61000	195.46000	.00000	.79154	.31592	2.96080
7.499	2.600	24.32100	.27287	105.12000	859.80000	196.08000	.00000	.79384	.31588	2.96700
7.491	2.800	24.32600	.27271	105.15000	860.07000	196.76000	.00000	.78869	.31557	2.96410
7.487	3.000	24.32900	.27230	105.09000	859.58000	197.45000	.00000	.78592	.31549	2.96230
7.482	3.200	24.33400	.27229	105.13000	859.95000	198.13000	.00000	.78915	.31543	2.96050
7.482	3.400	24.34100	.27235	105.15000	860.10000	198.76000	.00000	.78608	.31557	2.96050
7.500	3.600	24.34400	.27194	104.87000	857.91000	199.42000	.00000	.78520	.31505	2.96760
		GRADIENT	.03375	.00103	.10893	1.03215	3.61250	.00000	.00110	.00686

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E099) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 384/0 RN/L = 2.40 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.407	-2.429	24.56600	.09910	113.68000	920.10000	9999.00000	9999.00000	.29394	.11814	.95250
2.415	-2.259	24.57100	.09920	113.52000	918.89000	9999.00000	9999.00000	.29369	.11810	.95541
2.409	-2.097	24.57600	.09919	113.69000	920.31000	9999.00000	9999.00000	.29314	.11808	.95316
2.406	-1.940	24.58100	.09917	113.77000	920.91000	9999.00000	9999.00000	.29258	.11800	.95207
2.399	-1.772	24.58500	.09917	113.99000	922.74000	9999.00000	9999.00000	.29271	.11792	.94931
2.393	-1.618	24.58400	.09917	114.18000	924.28000	9999.00000	9999.00000	.29191	.11790	.94699
2.391	-1.456	24.58900	.09921	114.29000	925.26000	9999.00000	9999.00000	.29277	.11786	.94598
2.394	-1.284	24.59900	.09919	114.19000	924.45000	9999.00000	9999.00000	.29258	.11786	.94708
2.404	-1.136	24.60400	.09923	113.88000	921.97000	9999.00000	9999.00000	.29277	.11782	.95139
2.412	-.978	24.60900	.09922	113.65000	920.10000	9999.00000	9999.00000	.29314	.11776	.95425
2.418	-.820	24.60800	.09927	113.47000	918.72000	9999.00000	9999.00000	.29191	.11770	.95689
2.434	-.656	24.61800	.09927	113.00000	914.95000	9999.00000	9999.00000	.29111	.11770	.96288
2.426	-.498	24.62300	.09931	113.27000	917.18000	9999.00000	9999.00000	.29086	.11774	.95986
2.418	-.343	24.62300	.09929	113.51000	919.13000	9999.00000	9999.00000	.29172	.11772	.95666
2.409	-.185	24.63300	.09934	113.81000	921.60000	9999.00000	9999.00000	.29184	.11774	.95330
2.415	-.025	24.63800	.09932	113.63000	920.14000	9999.00000	9999.00000	.29074	.11776	.95542
2.407	.126	24.64200	.09925	113.82000	921.69000	9999.00000	9999.00000	.29067	.11776	.95246
2.398	.276	24.64600	.09930	114.16000	924.45000	9999.00000	9999.00000	.29024	.11778	.94869
2.392	.435	24.65700	.09934	114.37000	926.19000	9999.00000	9999.00000	.28969	.11778	.94649
2.395	.587	24.65500	.09932	114.26000	925.38000	9999.00000	9999.00000	.28920	.11776	.94759
2.395	.735	24.65900	.09934	114.27000	925.42000	9999.00000	9999.00000	.28957	.11774	.94780
2.394	.886	24.66400	.09939	114.35000	926.11000	9999.00000	9999.00000	.28901	.11774	.94723
2.403	1.055	24.66800	.09937	114.06000	923.80000	9999.00000	9999.00000	.28901	.11776	.95064
2.406	1.216	24.67300	.09947	114.03000	923.59000	9999.00000	9999.00000	.28957	.11778	.95197
2.395	1.366	24.67800	.09935	114.27000	925.58000	9999.00000	9999.00000	.28914	.11776	.94781
2.387	1.521	24.68200	.09927	114.49000	927.37000	9999.00000	9999.00000	.28809	.11780	.94441
2.398	1.664	24.69200	.09937	114.23000	925.26000	9999.00000	9999.00000	.28723	.11780	.94866
2.405	1.809	24.69600	.09937	113.98000	923.31000	9999.00000	9999.00000	.28729	.11774	.95173
	GRADIENT	.03357	.00001	.95653	7.88550	.00000	.00000	-.00204	.00004	-.01178

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OA257 (LARC 20-M6-6559) OV102 LESS DMS PODS

(T7EOA1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 2.000

RUN NO. 1384/ 0 RN/L = 2.33 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.298	-2.196	24.57000	.09798	116.53000	946.52000	9999.00000	9999.00000	.29031	.11600	.90927
2.306	-2.025	24.57500	.09791	116.19000	943.68000	9999.00000	9999.00000	.29111	.11606	.91251
2.306	-1.841	24.58100	.09816	116.40000	945.27000	9999.00000	9999.00000	.28957	.11610	.91239
2.310	-1.630	24.58700	.09804	116.15000	943.16000	9999.00000	9999.00000	.28944	.11612	.91407
2.315	-1.441	24.59800	.09808	116.00000	941.86000	9999.00000	9999.00000	.28834	.11620	.91611
2.314	-1.279	24.59800	.09814	116.08000	942.38000	9999.00000	9999.00000	.28938	.11620	.91568
2.315	-1.096	24.60300	.09815	116.07000	942.22000	9999.00000	9999.00000	.28907	.11620	.91587
2.320	-.914	24.60800	.09820	115.92000	940.84000	9999.00000	9999.00000	.28803	.11620	.91805
2.333	-.749	24.61300	.09829	115.55000	937.76000	9999.00000	9999.00000	.28797	.11632	.92326
2.328	-.557	24.61900	.09827	115.71000	938.89000	9999.00000	9999.00000	.28772	.11630	.92113
2.338	-.376	24.62900	.09832	115.40000	936.34000	9999.00000	9999.00000	.28766	.11626	.92517
2.335	-.194	24.63000	.09825	115.44000	936.54000	9999.00000	9999.00000	.28637	.11632	.92400
2.332	-.020	24.63500	.09829	115.58000	937.56000	9999.00000	9999.00000	.28735	.11638	.92263
2.336	.180	24.64600	.09828	115.42000	936.13000	9999.00000	9999.00000	.28594	.11656	.92439
2.355	.353	24.64500	.09838	114.87000	931.59000	9999.00000	9999.00000	.28680	.11673	.93186
2.345	.550	24.65600	.09848	115.27000	934.67000	9999.00000	9999.00000	.28760	.11683	.92801
2.342	.739	24.66200	.09850	115.40000	935.65000	9999.00000	9999.00000	.28735	.11699	.92651
2.341	.936	24.66300	.09866	115.56000	936.78000	9999.00000	9999.00000	.28520	.11713	.92612
2.354	1.128	24.67400	.09874	115.17000	933.54000	9999.00000	9999.00000	.28538	.11721	.93152
2.372	1.305	24.67300	.09874	114.58000	928.67000	9999.00000	9999.00000	.28501	.11739	.93859
2.365	1.491	24.68600	.09899	115.00000	931.99000	9999.00000	9999.00000	.28655	.11753	.93569
2.382	1.696	24.69200	.09933	114.71000	929.44000	9999.00000	9999.00000	.28766	.11762	.94246
	GRADIENT	.03093	.00015	-.46417	-4.36780	-.00005	-.00005	-.00049	.00054	.00667

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7EOA2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 349/0 RN/L = 7.54 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.605	-4.529	28.93800	.27379	104.36000	853.22000	193.60000	9999.00000	.84149	.31600	3.00920
7.586	-4.400	28.94900	.27301	104.33000	853.07000	194.71000	9999.00000	.84940	.31603	3.00170
7.605	-4.200	28.95500	.27350	104.28000	852.68000	195.50000	9999.00000	.85459	.31607	3.00920
7.593	-4.000	28.96000	.27368	104.45000	854.03000	196.28000	9999.00000	.85443	.31647	3.00420
7.585	-3.800	28.96500	.27355	104.48000	854.37000	197.05000	9999.00000	.85413	.31648	3.00110
7.570	-3.600	28.96800	.27298	104.48000	854.38000	197.93000	9999.00000	.85209	.31637	2.99510
7.560	-3.400	28.97300	.27267	104.49000	854.48000	198.78000	9999.00000	.84480	.31606	2.99130
7.572	-3.200	28.98200	.27270	104.39000	853.68000	199.60000	9999.00000	.84423	.31559	2.99590
7.559	-3.000	28.98500	.27194	104.31000	853.06000	200.31000	9999.00000	.84017	.31542	2.99100
7.547	-2.800	28.99600	.27213	104.48000	854.44000	201.06000	9999.00000	.84002	.31525	2.98610
7.525	-2.600	29.00200	.27195	104.64000	855.77000	201.81000	9999.00000	.84074	.31502	2.97730
7.526	-2.400	29.01300	.27198	104.64000	855.78000	202.49000	9999.00000	.84656	.31475	2.97770
7.532	-2.200	29.01400	.27167	104.50000	854.68000	203.21000	9999.00000	.85251	.31479	2.98020
7.532	-2.000	29.02100	.27157	104.48000	854.54000	203.93000	9999.00000	.84195	.31455	2.98010
7.535	-1.800	29.03100	.27161	104.46000	854.41000	204.58000	9999.00000	.84494	.31401	2.98130
7.526	-1.600	29.03400	.27149	104.51000	854.82000	205.25000	9999.00000	.84822	.31394	2.97800
7.537	-1.400	29.04400	.27161	104.44000	854.25000	205.95000	9999.00000	.84051	.31395	2.98240
7.547	-1.200	29.05100	.27151	104.33000	853.38000	206.62000	9999.00000	.83692	.31427	2.98600
7.554	-1.000	29.06100	.27210	104.41000	854.06000	207.28000	9999.00000	.83844	.31406	2.98910
7.528	-.800	29.06500	.27198	104.63000	855.85000	208.10000	9999.00000	.84769	.31418	2.97860
7.546	-.600	29.08000	.27300	104.72000	856.62000	208.84000	9999.00000	.84476	.31412	2.98590
7.550	-.400	29.08700	.27291	104.66000	856.16000	209.46000	9999.00000	.84487	.31457	2.98750
7.562	-.200	29.09300	.27263	104.48000	854.77000	210.18000	9999.00000	.84974	.31516	2.99190
7.548	.000	29.09900	.27277	104.65000	856.15000	210.88000	9999.00000	.84789	.31524	2.98640
7.543	.200	29.11000	.27297	104.74000	856.94000	211.51000	9999.00000	.84398	.31507	2.98450
7.526	.400	29.11000	.27256	104.80000	857.40000	212.20000	9999.00000	.84152	.31508	2.97790
7.548	.600	29.12500	.27352	104.84000	857.79000	212.89000	9999.00000	.84055	.31493	2.98640
7.552	.800	29.13300	.27362	104.83000	857.72000	213.49000	9999.00000	.84557	.31536	2.98810
7.544	1.000	29.13600	.27331	104.83000	857.72000	214.13000	9999.00000	.84390	.31566	2.98480
7.518	1.200	29.13700	.27221	104.78000	857.38000	214.78000	9999.00000	.84202	.31552	2.97470
7.523	1.400	29.14400	.27224	104.75000	857.14000	215.42000	9999.00000	.84070	.31506	2.97650
7.523	1.600	29.15000	.27232	104.77000	857.34000	215.97000	9999.00000	.84395	.31492	2.97650
7.527	1.800	29.15900	.27256	104.80000	857.54000	216.65000	9999.00000	.84527	.31491	2.97830
7.531	2.000	29.16900	.27281	104.82000	857.78000	217.26000	9999.00000	.84192	.31523	2.98000
7.526	2.200	29.17300	.27284	104.87000	858.24000	217.89000	9999.00000	.84394	.31584	2.97800
7.525	2.400	29.18200	.27254	104.81000	857.72000	218.51000	9999.00000	.84782	.31563	2.97760
7.519	2.600	29.18400	.27225	104.80000	857.65000	219.11000	9999.00000	.84246	.31530	2.97490
7.524	2.800	29.19600	.27264	104.85000	858.11000	219.73000	9999.00000	.83611	.31490	2.97710
7.524	3.000	29.20000	.27252	104.82000	857.86000	220.32000	9999.00000	.83980	.31486	2.97710
7.519	3.200	29.20600	.27249	104.86000	858.21000	220.97000	9999.00000	.83789	.31473	2.97520
7.527	3.400	29.21100	.27288	104.89000	858.48000	221.50000	9999.00000	.84447	.31472	2.97820
7.511	3.600	29.21500	.27212	104.84000	858.11000	222.12000	9999.00000	.84609	.31486	2.97210

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7EOA2) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 349/0 RN/L = 7.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.519	3.794	29.21100	.27217	104.78000	857.64000	222.51000	9999.00000	.84760	.31475	2.97510
	GRADIENT	.03536	.00021	.16071	1.45715	3.38572	.00012	-.00448	.00060	-.00448

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OA257 (LARC 20-M6-6559) OV102 LESS OMS PODS

(T7E1A2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2349/0 RN/L = 7.54 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	Pt	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN	
7.587	-4.500	28.94300	.27338	104.42000	853.74000	194.11000	9999.00000	.84846	.31599	3.00200	
7.602	-4.300	28.95400	.27323	104.24000	852.32000	195.07000	9999.00000	.84820	.31599	3.00810	
7.598	-4.100	28.96100	.27361	104.38000	853.48000	195.87000	9999.00000	.85578	.31630	3.00630	
7.585	-3.900	28.96100	.27353	104.48000	854.32000	196.65000	9999.00000	.85461	.31650	3.00110	
7.579	-3.700	28.96900	.27338	104.49000	854.45000	197.53000	9999.00000	.85915	.31639	2.99890	
7.565	-3.500	28.97200	.27282	104.49000	854.43000	198.33000	9999.00000	.84448	.31626	2.99310	
7.568	-3.300	28.98100	.27282	104.46000	854.24000	199.16000	9999.00000	.84427	.31582	2.99430	
7.563	-3.100	28.98300	.27224	104.36000	853.41000	199.98000	9999.00000	.84262	.31550	2.99240	
7.558	-2.900	28.99000	.27216	104.38000	853.61000	200.66000	9999.00000	.83941	.31536	2.99070	
7.534	-2.700	28.99900	.27206	104.57000	855.23000	201.42000	9999.00000	.84345	.31515	2.98120	
7.525	-2.500	29.00600	.27201	104.65000	855.84000	202.16000	9999.00000	.83851	.31485	2.97760	
7.525	-2.300	29.01300	.27183	104.61000	855.54000	202.86000	9999.00000	.85333	.31475	2.97740	
7.540	-2.100	29.01700	.27170	104.44000	854.18000	203.56000	9999.00000	.84587	.31471	2.98320	
7.532	-1.900	29.02600	.27163	104.49000	854.60000	204.25000	9999.00000	.84304	.31429	2.98040	
7.530	-1.700	29.03200	.27153	104.49000	854.63000	204.94000	9999.00000	.84906	.31392	2.97940	
7.531	-1.500	29.04100	.27163	104.50000	854.77000	205.59000	9999.00000	.84719	.31390	2.97990	
7.544	-1.300	29.04500	.27149	104.35000	853.55000	206.33000	9999.00000	.83744	.31406	2.98490	
7.554	-1.100	29.05600	.27189	104.35000	853.59000	206.99000	9999.00000	.83993	.31421	2.98910	
7.533	-.900	29.06300	.27181	104.53000	855.07000	207.70000	9999.00000	.84135	.31414	2.98070	
7.539	-.700	29.07400	.27255	104.67000	856.25000	208.44000	9999.00000	.84668	.31411	2.98280	
7.547	-.500	29.08500	.27307	104.73000	856.75000	209.12000	9999.00000	.84372	.31434	2.98610	
7.556	-.300	29.08700	.27247	104.50000	854.86000	209.80000	9999.00000	.84663	.31482	2.98960	
7.557	-.100	29.09500	.27278	104.57000	855.46000	210.51000	9999.00000	.84891	.31527	2.99000	
7.537	.100	29.10100	.27267	104.72000	856.71000	211.25000	9999.00000	.84406	.31514	2.98240	
7.533	.300	29.10900	.27274	104.78000	857.25000	211.89000	9999.00000	.84129	.31507	2.98060	
7.539	.500	29.11900	.27309	104.81000	857.51000	212.52000	9999.00000	.83893	.31496	2.98310	
7.546	.700	29.12500	.27346	104.84000	857.80000	213.18000	9999.00000	.84205	.31513	2.98590	
7.550	.900	29.13600	.27353	104.83000	857.70000	213.82000	9999.00000	.84525	.31555	2.98730	
7.524	1.100	29.13600	.27260	104.83000	857.73000	214.47000	9999.00000	.84336	.31564	2.97710	
7.517	1.300	29.14000	.27199	104.74000	857.06000	215.12000	9999.00000	.83993	.31530	2.97410	
7.525	1.500	29.14800	.27246	104.79000	857.46000	215.69000	9999.00000	.83905	.31494	2.97730	
7.524	1.700	29.15800	.27236	104.77000	857.35000	216.35000	9999.00000	.84600	.31496	2.97710	
7.517	1.900	29.16300	.27227	104.82000	857.73000	216.96000	9999.00000	.84503	.31499	2.97420	
7.540	2.100	29.17500	.27324	104.85000	858.03000	217.51000	9999.00000	.84034	.31549	2.98340	
7.529	2.300	29.17900	.27277	104.83000	857.92000	218.16000	9999.00000	.85116	.31582	2.97900	
7.522	2.500	29.18300	.27238	104.80000	857.68000	218.77000	9999.00000	.84285	.31546	2.97620	
7.524	2.700	29.18900	.27250	104.82000	857.82000	219.39000	9999.00000	.84193	.31503	2.97690	
7.524	2.900	29.19500	.27261	104.84000	858.03000	220.01000	9999.00000	.83784	.31489	2.97710	
7.524	3.100	29.20400	.27259	104.83000	858.01000	220.62000	9999.00000	.83927	.31484	2.97720	
7.522	3.300	29.20800	.27264	104.87000	858.37000	221.21000	9999.00000	.84013	.31471	2.97610	
7.513	3.500	29.21000	.27243	104.90000	858.58000	221.86000	9999.00000	.84365	.31486	2.97280	
7.519	3.700	29.21400	.27224	104.79000	857.75000	222.37000	9999.00000	.84716	.31480	2.97520	
		GRADIENT	.03457	.00011	.19857	1.74571	3.43000	.00000	-.00640	.00053	-.00709

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOA3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = -375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 AILRON = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 359/0 RN/L = 7.48 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.386	- .169	.01938	.26887	105.26000	863.36000	271.41000	9999.00000	.25156	.31120	2.92250
7.651	- .019	.03887	.27297	103.62000	844.88000	288.82000	9999.00000	.25605	.28337	3.02740
7.396	.803	.02185	.26895	105.17000	862.51000	272.31000	9999.00000	.25445	.31091	2.92650
7.396	1.676	.02031	.26836	105.01000	861.09000	272.72000	9999.00000	.25421	.31085	2.92650
7.391	2.857	.01782	.26860	105.12000	861.82000	273.45000	9999.00000	.25538	.31091	2.92430
7.416	3.778	.01977	.26953	105.13000	861.74000	274.06000	9999.00000	.25716	.31258	2.93420
7.443	4.651	.01987	.27027	105.05000	861.01000	274.55000	9999.00000	.25858	.31299	2.94500
7.441	5.462	.02329	.27060	105.15000	861.66000	275.25000	9999.00000	.26122	.31329	2.94430
7.437	6.392	.02999	.27015	105.07000	860.85000	275.74000	9999.00000	.26553	.31335	2.94260
7.452	7.544	.03202	.27017	104.92000	859.52000	276.52000	9999.00000	.27766	.31275	2.94870
7.461	8.518	.03094	.27088	105.02000	860.13000	277.13000	9999.00000	.32776	.31252	2.95210
7.479	9.451	.02975	.27026	104.68000	857.23000	277.91000	9999.00000	.47068	.31299	2.95920
7.482	10.292	.03193	.27097	104.83000	858.25000	278.81000	9999.00000	.57944	.31281	2.96050
7.489	11.271	.03168	.27089	104.73000	857.23000	279.70000	9999.00000	.62457	.31353	2.96340
7.469	12.407	.03081	.27022	104.74000	857.19000	280.32000	9999.00000	.65776	.31341	2.95540
7.504	13.422	.03264	.27126	104.68000	856.61000	280.89000	9999.00000	.67088	.31323	2.96910
7.500	14.413	.03319	.27051	104.52000	855.18000	281.26000	9999.00000	.68023	.31353	2.96750
7.513	15.461	.03287	.27169	104.69000	856.49000	281.83000	9999.00000	.69971	.31454	2.97270
7.589	16.804	.03229	.27240	104.17000	852.08000	282.52000	9999.00000	.71263	.31562	3.00260
7.550	17.761	.03313	.27268	104.59000	855.43000	282.97000	9999.00000	.72773	.31538	2.98740
7.520	18.572	.03265	.27215	104.73000	856.45000	283.26000	9999.00000	.73767	.31567	2.97560
7.499	19.509	.03421	.27186	104.84000	857.31000	283.67000	9999.00000	.74244	.31508	2.96730
7.483	20.620	.03605	.27181	104.98000	858.33000	284.20000	9999.00000	.75417	.31538	2.96070
7.466	21.825	.03745	.27162	105.09000	859.11000	284.77000	9999.00000	.76510	.31621	2.95400
7.484	22.718	.03582	.27183	104.97000	858.05000	285.22000	9999.00000	.77544	.31615	2.96110
7.482	23.650	.03688	.27202	105.03000	858.41000	285.51000	9999.00000	.78558	.31609	2.96050
7.485	24.382	.04301	.27122	104.79000	856.41000	285.96000	9999.00000	.79512	.31609	2.96150
GRADIENT		.00837	-.00109	-.32807	-2.73395	.61514	.00000	.01303	.00000	.00137

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOA4) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 AILRON = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 358/0 RN/L = 7.56 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.499	2.956	-.03810	.26976	104.44000	856.86000	65.87200	9999.00000	.25661	.29583	2.96710
7.475	3.240	-.03969	.26957	104.60000	857.96000	64.89900	9999.00000	.25790	.31192	2.95760
7.477	4.071	-.03810	.26967	104.61000	857.88000	63.79400	9999.00000	.25882	.31186	2.95830
7.466	4.920	-.03975	.26947	104.65000	858.13000	63.17600	9999.00000	.26061	.31144	2.95410
7.460	5.656	-.03985	.26903	104.59000	857.55000	63.17600	9999.00000	.26412	.31126	2.95160
7.456	6.750	-.04007	.26894	104.59000	857.47000	62.11500	9999.00000	.27581	.31174	2.95030
7.479	7.762	-.03900	.26950	104.52000	856.78000	61.80500	9999.00000	.29926	.31210	2.95930
7.497	8.762	-.03908	.27027	104.55000	856.86000	61.05400	9999.00000	.37805	.31222	2.96650
7.475	9.484	-.04040	.26987	104.64000	857.43000	59.15400	9999.00000	.50053	.31240	2.95780
7.531	10.277	-.03921	.27145	104.52000	856.25000	59.06500	9999.00000	.58521	.31365	2.98000
7.533	11.384	-.03924	.27186	104.60000	856.82000	58.00400	9999.00000	.63928	.31603	2.98050
7.611	12.517	-.03918	.27434	104.51000	855.88000	56.45800	9999.00000	.66631	.31645	3.01160
7.643	13.521	-.03912	.27478	104.32000	854.24000	56.41300	9999.00000	.67565	.31633	3.02430
7.564	14.271	-.03691	.27377	104.78000	857.88000	55.39700	9999.00000	.68639	.31520	2.99280
7.516	14.641	-.00572	.27439	105.19000	856.78000	27.72900	9999.00000	.68659	.28593	2.97370
7.564	15.598	-.03865	.27320	104.63000	856.41000	53.31900	9999.00000	.70428	.31579	2.99270
7.558	16.559	-.03703	.27373	104.81000	857.76000	53.49600	9999.00000	.71700	.31591	2.99040
7.597	17.651	-.03819	.27456	104.65000	856.25000	51.81700	9999.00000	.73310	.31639	3.00600
7.593	18.602	-.03535	.27421	104.59000	855.63000	51.15400	9999.00000	.74622	.31764	3.00440
7.647	19.387	-.03761	.27555	104.44000	854.24000	50.40200	9999.00000	.75198	.31818	3.02570
7.692	20.520	-.03738	.27729	104.46000	854.28000	49.47400	9999.00000	.75994	.31848	3.04360
7.626	21.700	-.03563	.27534	104.56000	854.98000	47.97200	9999.00000	.77802	.31764	3.01740
7.633	22.598	-.03554	.27509	104.43000	853.75000	47.44100	9999.00000	.78677	.31794	3.02010
7.650	23.570	-.03563	.27686	104.71000	855.96000	46.15900	9999.00000	.80029	.31895	3.02690
7.663	24.373	-.03763	.27748	104.75000	856.08000	45.14300	9999.00000	.81778	.31943	3.03190
7.648	25.262	-.02985	.27691	104.73000	855.84000	44.61200	9999.00000	.82752	.31973	3.02600
7.628	26.271	-.02986	.27633	104.76000	855.88000	43.72900	9999.00000	.84004	.31854	3.01840
7.620	27.201	-.02649	.27615	104.78000	855.96000	43.64000	9999.00000	.84621	.31758	3.01510
7.589	28.193	-.02466	.27566	104.94000	857.11000	42.62400	9999.00000	.83647	.31711	3.00280
7.568	28.987	-.02034	.27511	104.99000	857.35000	41.34200	9999.00000	.83647	.31728	2.99450
7.530	30.121	-.02048	.27409	105.07000	857.84000	40.32500	9999.00000	.84322	.31621	2.97960
7.573	31.133	-.02085	.27391	104.62000	854.04000	39.61800	9999.00000	.84521	.31770	2.99660
7.575	32.209	-.02128	.27551	105.00000	857.02000	39.22000	9999.00000	.84700	.31770	2.99740
7.616	33.141	-.02085	.27645	104.86000	855.76000	38.55700	9999.00000	.84144	.31800	3.01340
7.564	33.982	-.02144	.27521	105.02000	856.86000	37.14300	9999.00000	.86390	.31854	2.99280
7.593	35.034	-.02022	.27703	105.20000	858.25000	36.34700	9999.00000	.85734	.31961	3.00430
7.594	36.074	-.01465	.27655	105.07000	856.98000	35.46400	9999.00000	.86410	.31949	3.00460
7.550	37.203	-.01297	.27645	105.44000	859.84000	33.65100	9999.00000	.88596	.31925	2.98750
7.516	38.104	-.01235	.27547	105.50000	860.25000	33.25400	9999.00000	.88318	.31818	2.97380
7.498	38.828	-.01470	.27467	105.46000	859.76000	31.97200	9999.00000	.91121	.31675	2.96670
	GRADIENT	-.00249	.00077	.04979	.14994	-1.26528	-.01212	.02178	.00060	.00623

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOA5) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZU
SCALE =	.0100					

BETA	=	.500	PHI	=	.000
AIRLON	=	.000	YP	=	.000
IS	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	1.000
S-DIR	=	2.000			

RUN NO. 360/ Q RN/L = 7.50 GRADIENT INTERVAL = 23.00/ 25.00

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS DMS & V.T.

(T7EOA6) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

BETA = .500 PHI = .000
 AILRON = .000 YP = .000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 361/0 RN/L = 7.41 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.384	-.189	.46297	.26772	104.97000	860.73000	9999.00000	9999.00000	.25575	.28129	2.92170
7.436	-.059	.46002	.26953	104.97000	861.34000	9999.00000	9999.00000	.25433	.31168	2.94240
7.617	-.039	.53412	.27124	103.50000	844.23000	9999.00000	9999.00000	.25611	.28212	3.01400
7.435	1.182	.46261	.26910	104.88000	860.81000	9999.00000	9999.00000	.25747	.31144	2.94200
7.433	2.302	.46143	.26885	104.84000	860.73000	9999.00000	9999.00000	.25833	.31204	2.94110
7.429	3.454	.46135	.26869	104.86000	861.05000	9999.00000	9999.00000	.25962	.31180	2.93930
7.421	4.709	.46097	.26821	104.81000	860.93000	9999.00000	9999.00000	.26264	.31180	2.93620
7.415	5.996	.46304	.26733	104.65000	859.80000	9999.00000	9999.00000	.27033	.31234	2.93390
7.427	7.209	.46170	.26743	104.58000	859.39000	9999.00000	9999.00000	.29040	.31246	2.93850
7.411	8.189	.46175	.26704	104.63000	860.01000	9999.00000	9999.00000	.34013	.31150	2.93240
7.422	9.672	.46077	.26688	104.50000	859.19000	9999.00000	9999.00000	.51272	.31258	2.93660
7.400	10.854	.46336	.26655	104.62000	860.42000	9999.00000	9999.00000	.60648	.31168	2.92810
7.401	12.155	.46381	.26624	104.55000	860.01000	9999.00000	9999.00000	.65120	.31174	2.92820
7.386	13.415	.46172	.26530	104.45000	859.43000	9999.00000	9999.00000	.66969	.31192	2.92230
7.385	14.685	.46321	.26537	104.49000	859.97000	9999.00000	9999.00000	.68042	.31132	2.92200
7.369	15.708	.46354	.26435	104.39000	859.35000	9999.00000	9999.00000	.69712	.31115	2.91560
7.385	16.688	.46382	.26455	104.30000	858.90000	9999.00000	9999.00000	.71123	.31174	2.92190
7.381	18.147	.46300	.26423	104.27000	858.86000	9999.00000	9999.00000	.72932	.31192	2.92030
7.388	19.104	.46910	.26418	104.20000	858.54000	9999.00000	9999.00000	.73847	.31335	2.92310
7.395	20.624	.46991	.26510	104.39000	860.42000	9999.00000	9999.00000	.75815	.31365	2.92590
7.396	22.013	.47193	.26465	104.27000	859.68000	9999.00000	9999.00000	.77246	.31359	2.92640
7.385	23.063	.47431	.26425	104.28000	860.01000	9999.00000	9999.00000	.78697	.31323	2.92210
7.401	24.320	.47417	.26439	104.18000	859.43000	9999.00000	9999.00000	.80188	.31341	2.92820
7.386	25.481	.47486	.26349	104.09000	858.94000	9999.00000	9999.00000	.81997	.31329	2.92240
7.395	26.764	.47502	.26360	104.04000	858.74000	9999.00000	9999.00000	.84442	.31347	2.92620
7.382	27.985	.47496	.26255	103.90000	857.88000	9999.00000	9999.00000	.82911	.31341	2.92070
7.415	29.297	.47367	.26252	103.60000	855.63000	9999.00000	9999.00000	.83309	.31377	2.93380
7.412	30.607	.47231	.26213	103.54000	855.39000	9999.00000	9999.00000	.83905	.31395	2.93260
7.418	31.875	.47069	.26134	103.29000	853.71000	9999.00000	9999.00000	.84442	.31341	2.93500
7.397	32.931	.47221	.26058	103.29000	853.92000	9999.00000	9999.00000	.84322	.31424	2.92690
7.423	34.076	.47191	.26076	103.11000	852.69000	9999.00000	9999.00000	.84581	.31418	2.93710
7.396	35.524	.48172	.26030	103.25000	854.16000	9999.00000	9999.00000	.84720	.31389	2.92660
7.391	36.538	.47961	.25997	103.23000	854.24000	9999.00000	9999.00000	.87066	.31389	2.92430
7.382	37.821	.48664	.25955	103.20000	854.28000	9999.00000	9999.00000	.88636	.31454	2.92100
7.374	39.004	.48927	.25947	103.27000	855.10000	9999.00000	9999.00000	.93884	.31472	2.91780
GRADIENT	-.00011	.00011	-.07958	-.46107	.00000	.00000	.00000	.01186	.00014	.00485

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOA7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	15.000	PHI	=	.000
AIRLON	=	.000	YP	=	1.000
IS	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	1.000			

RUN NO. 352/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.552	-4.350	14.47800	.27571	105.21000	857.39000	121.92000	9999.00000	.69807	.31925	2.98800
7.522	-4.200	14.48600	.27538	105.40000	859.04000	123.13000	9999.00000	.70053	.31954	2.97620
7.518	-4.000	14.48400	.27563	105.50000	859.88000	123.87000	9999.00000	.70303	.31946	2.97470
7.514	-3.800	14.48600	.27558	105.53000	860.17000	124.60000	9999.00000	.70727	.31950	2.97300
7.521	-3.600	14.48900	.27570	105.50000	859.95000	125.40000	9999.00000	.70657	.31945	2.97570
7.534	-3.400	14.49100	.27581	105.41000	859.19000	126.23000	9999.00000	.70647	.31971	2.98110
7.535	-3.200	14.49600	.27578	105.39000	859.06000	127.07000	9999.00000	.70506	.31970	2.98160
7.540	-3.000	14.49900	.27581	105.35000	858.80000	127.86000	9999.00000	.70186	.31945	2.98350
7.534	-2.800	14.50100	.27537	105.30000	858.40000	128.66000	9999.00000	.69923	.31913	2.98120
7.546	-2.600	14.50800	.27594	105.34000	858.78000	129.40000	9999.00000	.69735	.31893	2.98560
7.550	-2.400	14.51100	.27565	105.23000	857.92000	130.21000	9999.00000	.69739	.31903	2.98720
7.520	-2.200	14.51100	.27500	105.34000	858.83000	130.97000	9999.00000	.69800	.31910	2.97560
7.532	-2.000	14.51600	.27517	105.27000	858.35000	131.71000	9999.00000	.69653	.31897	2.98010
7.536	-1.800	14.52000	.27494	105.17000	857.56000	132.41000	9999.00000	.69546	.31902	2.98200
7.571	-1.600	14.52300	.27487	104.84000	854.86000	133.07000	9999.00000	.69141	.31926	2.99570
7.547	-1.400	14.52800	.27438	104.93000	855.67000	133.77000	9999.00000	.69269	.31958	2.98630
7.538	-1.200	14.52900	.27451	105.06000	856.74000	134.47000	9999.00000	.69497	.31895	2.98250
7.524	-1.000	14.53400	.27439	105.15000	857.53000	135.12000	9999.00000	.69324	.31865	2.97720
7.527	-.800	14.53800	.27446	105.14000	857.50000	135.79000	9999.00000	.69164	.31812	2.97840
7.522	-.600	14.54100	.27438	105.17000	857.77000	136.44000	9999.00000	.69123	.31802	2.97640
7.530	.400	14.54500	.27465	105.17000	857.80000	137.06000	9999.00000	.69302	.31785	2.97940
7.532	-.200	14.54900	.27473	105.18000	857.88000	137.69000	9999.00000	.69318	.31785	2.98010
7.535	.000	14.55400	.27465	105.12000	857.47000	138.28000	9999.00000	.69622	.31798	2.98160
7.526	.200	14.55600	.27443	105.15000	857.74000	138.81000	9999.00000	.69408	.31778	2.97800
7.522	.400	14.55800	.27407	105.11000	857.39000	139.41000	9999.00000	.69384	.31760	2.97620
7.546	.600	14.56400	.27507	105.14000	857.67000	139.92000	9999.00000	.69320	.31745	2.98580
7.536	.800	14.56900	.27475	105.14000	857.78000	140.39000	9999.00000	.68943	.31779	2.98200
7.536	1.000	14.57000	.27470	105.14000	857.79000	140.88000	9999.00000	.68750	.31800	2.98170
7.544	1.200	14.57500	.27497	105.14000	857.79000	141.35000	9999.00000	.68976	.31789	2.98490
7.522	1.400	14.57900	.27441	105.20000	858.37000	141.90000	9999.00000	.68815	.31804	2.97610
7.530	1.600	14.58300	.27458	105.17000	858.09000	142.45000	9999.00000	.68696	.31783	2.97960
7.539	1.800	14.58500	.27456	105.08000	857.44000	143.02000	9999.00000	.68845	.31781	2.98300
7.532	2.000	14.58700	.27430	105.08000	857.48000	143.67000	9999.00000	.68789	.31779	2.98020
7.515	2.200	14.59100	.27388	105.14000	857.97000	144.33000	9999.00000	.68519	.31772	2.97330
7.500	2.400	14.59500	.27340	105.15000	858.13000	145.05000	9999.00000	.68230	.31733	2.96760
7.501	2.600	14.59700	.27352	105.18000	858.40000	145.75000	9999.00000	.67939	.31694	2.96780
7.485	2.800	14.60200	.27317	105.23000	858.85000	146.43000	9999.00000	.67932	.31693	2.96180
7.477	3.000	14.60600	.27285	105.23000	858.89000	147.08000	9999.00000	.67932	.31685	2.95840
7.481	3.200	14.60600	.27304	105.24000	859.00000	147.73000	9999.00000	.67688	.31678	2.96010
7.477	3.400	14.61400	.27264	105.19000	858.58000	148.41000	9999.00000	.67398	.31634	2.95830
7.478	3.600	14.61700	.27271	105.19000	858.64000	149.18000	9999.00000	.67232	.31596	2.95900
7.487	3.800	14.62000	.27308	105.21000	858.81000	149.74000	9999.00000	.66972	.31585	2.96240

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOA7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 352/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.477	4.000	14.62400	.27302	105.28000	859.46000	150.33000	9999.00000	.66710	.31586	2.95850
7.485	4.146	14.62100	.27334	105.29000	859.55000	151.00000	9999.00000	.66402	.31603	2.96180
	GRADIENT	.01821	.00011	-.04286	-.22500	2.90357	.00012	.00151	-.00041	.00352

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0A257 (LARC 20-M6-6559) OV102 LESS DMS & V.T.

(T7E1A7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 , PHI = .000
 AILRON = .000 , YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2352/ O RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.539	-4.300	14.48200	.27566	105.32000	858.32000	122.64000	9999.00000	.69815	.31947	2.98280
7.514	-4.100	14.48400	.27535	105.47000	859.61000	123.48000	9999.00000	.70155	.31949	2.97310
7.509	-3.900	14.48500	.27536	105.52000	860.02000	124.25000	9999.00000	.70508	.31951	2.97130
7.521	-3.700	14.48900	.27572	105.50000	859.94000	125.03000	9999.00000	.70860	.31942	2.97580
7.530	-3.500	14.49000	.27579	105.44000	859.42000	125.82000	9999.00000	.70505	.31963	2.97950
7.535	-3.300	14.49100	.27575	105.38000	859.04000	126.68000	9999.00000	.70619	.31974	2.98130
7.540	-3.100	14.49600	.27594	105.38000	859.04000	127.48000	9999.00000	.70468	.31956	2.98350
7.536	-2.900	14.50000	.27552	105.32000	858.54000	128.27000	9999.00000	.70053	.31934	2.98190
7.533	-2.700	14.50200	.27542	105.32000	858.59000	129.06000	9999.00000	.69802	.31899	2.98070
7.553	-2.500	14.50900	.27592	105.26000	858.15000	129.86000	9999.00000	.69710	.31894	2.98870
7.533	-2.300	14.51100	.27529	105.29000	858.41000	130.60000	9999.00000	.69758	.31911	2.98080
7.520	-2.100	14.51300	.27492	105.32000	858.72000	131.32000	9999.00000	.69685	.31902	2.97540
7.531	-1.900	14.51900	.27507	105.26000	858.26000	132.06000	9999.00000	.69514	.31889	2.97970
7.562	-1.700	14.52200	.27508	104.98000	855.98000	132.72000	9999.00000	.69269	.31912	2.99200
7.560	-1.500	14.52600	.27453	104.85000	854.98000	133.41000	9999.00000	.69187	.31950	2.99140
7.542	-1.300	14.52700	.27445	105.00000	856.28000	134.16000	9999.00000	.69308	.31921	2.98410
7.528	-1.100	14.53100	.27441	105.13000	857.30000	134.77000	9999.00000	.69481	.31886	2.97850
7.525	-.900	14.53500	.27443	105.16000	857.58000	135.46000	9999.00000	.69081	.31837	2.97760
7.525	-.700	14.53800	.27443	105.16000	857.63000	136.14000	9999.00000	.69309	.31803	2.97750
7.525	-.500	14.54400	.27447	105.17000	857.79000	136.80000	9999.00000	.69223	.31793	2.97730
7.532	-.300	14.54800	.27477	105.18000	857.87000	137.36000	9999.00000	.69143	.31785	2.98040
7.533	-.100	14.55200	.27460	105.13000	857.52000	137.95000	9999.00000	.69471	.31796	2.98070
7.532	.100	14.55400	.27462	105.15000	857.72000	138.59000	9999.00000	.69559	.31794	2.98010
7.524	.300	14.55800	.27424	105.13000	857.53000	139.12000	9999.00000	.69411	.31772	2.97710
7.529	.500	14.56100	.27433	105.10000	857.37000	139.65000	9999.00000	.69350	.31746	2.97920
7.542	.700	14.56600	.27507	105.18000	858.01000	140.17000	9999.00000	.69088	.31766	2.98420
7.540	.900	14.57100	.27485	105.14000	857.78000	140.62000	9999.00000	.68821	.31785	2.98330
7.545	1.100	14.57400	.27488	105.11000	857.51000	141.12000	9999.00000	.68858	.31801	2.98520
7.529	1.300	14.57700	.27470	105.20000	858.34000	141.67000	9999.00000	.68987	.31793	2.97920
7.522	1.500	14.57900	.27433	105.18000	858.19000	142.16000	9999.00000	.68677	.31794	2.97620
7.538	1.700	14.58200	.27481	105.15000	858.00000	142.73000	9999.00000	.68785	.31781	2.98270
7.535	1.900	14.58900	.27440	105.08000	857.42000	143.32000	9999.00000	.68862	.31780	2.98160
7.527	2.100	14.58900	.27423	105.11000	857.71000	144.01000	9999.00000	.68726	.31774	2.97840
7.499	2.300	14.59200	.27343	105.17000	858.26000	144.69000	9999.00000	.68461	.31756	2.96710
7.507	2.500	14.59700	.27368	105.15000	858.16000	145.39000	9999.00000	.68039	.31707	2.97050
7.493	2.700	14.59900	.27336	105.22000	858.69000	146.05000	9999.00000	.67748	.31694	2.96460
7.477	2.900	14.60400	.27284	105.23000	858.80000	146.78000	9999.00000	.67963	.31690	2.95860
7.480	3.100	14.60800	.27301	105.25000	859.02000	147.44000	9999.00000	.67851	.31678	2.95960
7.472	3.300	14.61200	.27271	105.24000	859.01000	148.08000	9999.00000	.67533	.31664	2.95660
7.480	3.500	14.61400	.27276	105.18000	858.55000	148.67000	9999.00000	.67422	.31613	2.95980
7.475	3.700	14.61700	.27258	105.19000	858.62000	149.38000	9999.00000	.67073	.31593	2.95770
7.487	3.900	14.62200	.27328	105.25000	859.20000	150.02000	9999.00000	.66825	.31577	2.96260

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OA257 (LARC 20-M6-6559) OV102 LESS DMS & V.T.

(T7E1A7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2352/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.476	4.100	14.62300	.27293	105.27000	859.40000	150.69000	9999.00000	.66635	.31598	2.95800
	GRADIENT	.01671	-.00032	-.06857	-.41715	2.88143	.00000	.00218	-.00039	-.00014

DATE 14 DEC 82

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOA8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 353/0 RN/L = 7.51 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.542	-4.431	19.28300	.27431	104.92000	854.65000	148.47000	.00000	.75144	.31808	2.98400
7.547	-4.300	19.29300	.27469	104.97000	855.10000	149.43000	.00000	.75236	.31786	2.98610
7.536	-4.100	19.29100	.27438	105.00000	855.32000	150.27000	.00000	.75643	.31791	2.98180
7.535	-3.900	19.29100	.27425	104.97000	855.17000	151.05000	.00000	.76060	.31779	2.98140
7.543	-3.700	19.29200	.27455	104.98000	855.27000	151.84000	.00000	.75925	.31756	2.98450
7.532	-3.500	19.29700	.27441	105.05000	855.86000	152.70000	.00000	.75566	.31762	2.98010
7.532	-3.300	19.30200	.27449	105.07000	856.06000	153.58000	.00000	.75304	.31754	2.98020
7.536	-3.100	19.30500	.27432	104.99000	855.44000	154.47000	.00000	.75335	.31731	2.98190
7.523	-2.900	19.30900	.27393	105.01000	855.68000	155.34000	.00000	.74700	.31694	2.97670
7.512	-2.700	19.31300	.27383	105.09000	856.34000	156.21000	.00000	.74266	.31697	2.97230
7.530	-2.500	19.32100	.27440	105.07000	856.19000	157.02000	.00000	.74415	.31698	2.97960
7.556	-2.300	19.32800	.27482	104.93000	855.14000	157.87000	.00000	.74435	.31737	2.98990
7.556	-2.100	19.33400	.27461	104.89000	854.81000	158.71000	.00000	.74740	.31769	2.98970
7.552	-1.900	19.33700	.27457	104.92000	855.06000	159.50000	.00000	.74628	.31808	2.98820
7.526	-1.700	19.33900	.27431	105.10000	856.57000	160.26000	.00000	.74674	.31786	2.97770
7.521	-1.500	19.34600	.27398	105.06000	856.31000	161.03000	.00000	.74680	.31771	2.97580
7.527	-1.300	19.35300	.27464	105.17000	857.24000	161.75000	.00000	.74248	.31768	2.97830
7.487	-1.100	19.35700	.27386	105.35000	858.75000	162.46000	.00000	.74637	.31785	2.96230
7.505	-.900	19.36000	.27395	105.20000	857.55000	163.11000	.00000	.74534	.31789	2.96970
7.498	-.700	19.36500	.27390	105.26000	858.10000	163.90000	.00000	.74509	.31755	2.96660
7.502	-.500	19.37200	.27399	105.24000	858.00000	164.64000	.00000	.74182	.31752	2.96840
7.481	-.300	19.37600	.27388	105.41000	859.38000	165.29000	.00000	.74350	.31738	2.96020
7.468	-.100	19.37900	.27365	105.48000	859.99000	165.94000	.00000	.74455	.31722	2.95490
7.470	.100	19.38700	.27382	105.51000	860.24000	166.63000	.00000	.74209	.31694	2.95570
7.467	.300	19.39000	.27379	105.53000	860.45000	167.31000	.00000	.74227	.31675	2.95470
7.478	.500	19.39300	.27401	105.49000	860.16000	167.95000	.00000	.74616	.31672	2.95870
7.484	.700	19.40100	.27386	105.39000	859.43000	168.63000	.00000	.74963	.31673	2.96110
7.485	.900	19.40700	.27400	105.42000	859.67000	169.32000	.00000	.74791	.31678	2.96170
7.479	1.100	19.41200	.27386	105.44000	859.88000	170.01000	.00000	.75206	.31693	2.95930
7.491	1.300	19.41700	.27413	105.40000	859.60000	170.63000	.00000	.75011	.31702	2.96400
7.490	1.500	19.42200	.27415	105.41000	859.76000	171.31000	.00000	.74412	.31688	2.96370
7.489	1.700	19.42600	.27399	105.39000	859.56000	171.87000	.00000	.74026	.31702	2.96330
7.489	1.900	19.43100	.27384	105.35000	859.27000	172.59000	.00000	.73727	.31697	2.96340
7.505	2.100	19.43800	.27371	105.17000	857.88000	173.24000	.00000	.73616	.31704	2.96950
7.511	2.300	19.44100	.27348	105.05000	856.96000	173.91000	.00000	.73252	.31711	2.97200
7.515	2.500	19.44600	.27355	105.04000	856.92000	174.56000	.00000	.73128	.31682	2.97330
7.519	2.700	19.45400	.27407	105.14000	857.74000	175.23000	.00000	.73139	.31683	2.97490
7.504	2.900	19.45500	.27359	105.16000	857.93000	175.95000	.00000	.73317	.31698	2.96900
7.515	3.100	19.46000	.27380	105.11000	857.58000	176.61000	.00000	.73323	.31728	2.97340
7.522	3.300	19.46600	.27392	105.07000	857.31000	177.27000	.00000	.73322	.31705	2.97640
7.515	3.500	19.47000	.27328	104.98000	856.59000	177.93000	.00000	.73301	.31668	2.97340
7.521	3.608	19.47300	.27351	104.98000	856.60000	178.26000	.00000	.72966	.31644	2.97590
GRADIENT	.02214	-.00000	.23429	2.03715	3.32857	.00000	.00222	-.00088	-.00917	

DATE 14 DEC 82

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7E1A8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2353/ 0 RN/L = 7.51 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.539	-4.400	19.28100	.27427	104.94000	854.83000	148.85000	.00000	.75108	.31802	2.98280
7.541	-4.200	19.29000	.27451	104.98000	855.20000	149.83000	.00000	.75396	.31795	2.98380
7.534	-4.000	19.28700	.27424	104.98000	855.22000	150.66000	.00000	.75897	.31789	2.98100
7.540	-3.800	19.29000	.27440	104.97000	855.13000	151.43000	.00000	.75914	.31766	2.98340
7.541	-3.600	19.29500	.27464	105.02000	855.59000	152.27000	.00000	.75720	.31753	2.98390
7.538	-3.400	19.30000	.27469	105.07000	856.01000	153.14000	.00000	.75248	.31754	2.98250
7.533	-3.200	19.30500	.27446	105.05000	855.91000	154.03000	.00000	.75463	.31748	2.98080
7.528	-3.000	19.30900	.27398	104.98000	855.39000	154.89000	.00000	.75086	.31712	2.97860
7.518	-2.800	19.31300	.27391	105.06000	856.05000	155.77000	.00000	.74550	.31694	2.97460
7.525	-2.600	19.31800	.27436	105.11000	856.51000	156.59000	.00000	.74247	.31692	2.97740
7.542	-2.400	19.32300	.27449	104.99000	855.54000	157.45000	.00000	.74194	.31716	2.98410
7.573	-2.200	19.32900	.27507	104.84000	854.43000	158.35000	.00000	.74848	.31747	2.99650
7.554	-2.000	19.33400	.27461	104.91000	854.98000	159.07000	.00000	.74828	.31790	2.98890
7.541	-1.800	19.33700	.27447	105.00000	855.73000	159.88000	.00000	.74515	.31809	2.98360
7.522	-1.600	19.34300	.27437	105.15000	857.01000	160.69000	.00000	.74784	.31779	2.97620
7.523	-1.400	19.34700	.27400	105.04000	856.18000	161.37000	.00000	.74318	.31766	2.97670
7.508	-1.200	19.35600	.27447	105.31000	858.36000	162.10000	.00000	.74470	.31781	2.97080
7.497	-1.000	19.35800	.27389	105.26000	858.02000	162.84000	.00000	.74529	.31786	2.96650
7.499	-.800	19.36400	.27402	105.27000	858.18000	163.54000	.00000	.74308	.31772	2.96730
7.504	-.600	19.36700	.27382	105.18000	857.48000	164.26000	.00000	.74329	.31752	2.96910
7.494	-.400	19.37600	.27405	105.34000	858.82000	164.97000	.00000	.74165	.31739	2.96500
7.476	-.200	19.37800	.27385	105.45000	859.76000	165.62000	.00000	.74501	.31725	2.95810
7.462	.000	19.38200	.27346	105.49000	860.06000	166.28000	.00000	.74220	.31716	2.95260
7.473	.200	19.39000	.27398	105.52000	860.40000	166.94000	.00000	.74303	.31676	2.95680
7.473	.400	19.39200	.27392	105.50000	860.28000	167.62000	.00000	.74315	.31674	2.95700
7.485	.600	19.39900	.27403	105.42000	859.67000	168.28000	.00000	.75012	.31635	2.96160
7.488	.800	19.40300	.27403	105.39000	859.46000	168.95000	.00000	.74723	.31678	2.96290
7.481	1.000	19.41000	.27392	105.43000	859.81000	169.63000	.00000	.75015	.31687	2.96020
7.484	1.200	19.41300	.27394	105.42000	859.74000	170.30000	.00000	.74957	.31705	2.96110
7.488	1.400	19.41700	.27405	105.41000	859.72000	170.99000	.00000	.74622	.31701	2.96270
7.486	1.600	19.42400	.27396	105.41000	859.72000	171.57000	.00000	.74283	.31694	2.96190
7.486	1.800	19.43000	.27380	105.37000	859.46000	172.27000	.00000	.73794	.31703	2.96190
7.496	2.000	19.43300	.27390	105.30000	858.95000	172.90000	.00000	.73654	.31698	2.96580
7.520	2.200	19.43800	.27385	105.06000	857.01000	173.55000	.00000	.73353	.31719	2.97560
7.512	2.400	19.44300	.27336	105.02000	856.68000	174.19000	.00000	.73276	.31687	2.97230
7.506	2.600	19.44900	.27350	105.11000	857.49000	174.92000	.00000	.73042	.31684	2.96990
7.516	2.800	19.45300	.27408	105.17000	857.98000	175.65000	.00000	.73220	.31687	2.97390
7.509	3.000	19.45800	.27359	105.11000	857.53000	176.25000	.00000	.73554	.31710	2.97120
7.518	3.200	19.46200	.27382	105.09000	857.40000	176.90000	.00000	.73012	.31721	2.97460
7.517	3.400	19.46800	.27354	105.03000	856.97000	177.59000	.00000	.73571	.31690	2.97410
7.521	3.600	19.47300	.27349	104.98000	856.59000	178.24000	.00000	.72991	.31646	2.97570
	GRADIENT	.02500	.00009	.19822	1.80892	3.33572	.00000	.00384	-.00095	-.00711

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DA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOA9) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 379/0 RN/L = 2.32 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.295	-2.445	19.74100	.09996	118.13000	958.25000	9999.00000	9999.00000	.27929	.11845	.90808
2.296	-2.269	19.75000	.10000	118.12000	958.21000	9999.00000	9999.00000	.27923	.11856	.90860
2.302	-2.097	19.74300	.09997	117.90000	956.47000	9999.00000	9999.00000	.27892	.11862	.91085
2.299	-1.941	19.74800	.09999	118.02000	957.44000	9999.00000	9999.00000	.27855	.11866	.90963
2.297	-1.786	19.75100	.09998	118.09000	958.01000	9999.00000	9999.00000	.27904	.11872	.90879
2.297	-1.630	19.75500	.10003	118.12000	958.29000	9999.00000	9999.00000	.27879	.11880	.90885
2.302	-1.486	19.75900	.10019	118.09000	958.05000	9999.00000	9999.00000	.27886	.11884	.91076
2.306	-1.332	19.76200	.10006	117.85000	956.14000	9999.00000	9999.00000	.27904	.11894	.91236
2.323	-1.171	19.76600	.10014	117.33000	951.92000	9999.00000	9999.00000	.27879	.11892	.91921
2.324	-1.024	19.77500	.10020	117.33000	951.96000	9999.00000	9999.00000	.27818	.11892	.91972
2.317	-.880	19.77700	.10025	117.60000	954.20000	9999.00000	9999.00000	.27824	.11898	.91696
2.310	-.709	19.78200	.10025	117.86000	956.27000	9999.00000	9999.00000	.27763	.11900	.91406
2.309	-.555	19.78600	.10031	117.94000	956.96000	9999.00000	9999.00000	.27756	.11902	.91363
2.307	-.386	19.78400	.10023	117.93000	956.96000	9999.00000	9999.00000	.27781	.11906	.91300
2.315	-.218	19.80000	.10032	117.75000	955.45000	9999.00000	9999.00000	.27756	.11908	.91602
2.317	-.057	19.80400	.10032	117.69000	955.01000	9999.00000	9999.00000	.27799	.11912	.91673
2.322	.103	19.80200	.10030	117.51000	953.55000	9999.00000	9999.00000	.27898	.11912	.91871
2.323	.257	19.80600	.10041	117.54000	953.83000	9999.00000	9999.00000	.27923	.11912	.91927
2.329	.414	19.81000	.10040	117.33000	952.21000	9999.00000	9999.00000	.27935	.11912	.92159
2.329	.571	19.80700	.10056	117.47000	953.34000	9999.00000	9999.00000	.27960	.11910	.92151
2.322	.732	19.81700	.10050	117.64000	954.76000	9999.00000	9999.00000	.27953	.11912	.91892
2.325	.886	19.82100	.10052	117.59000	954.36000	9999.00000	9999.00000	.27972	.11914	.91977
2.325	1.048	19.81900	.10053	117.57000	954.20000	9999.00000	9999.00000	.27960	.11914	.92008
2.338	1.190	19.82800	.10069	117.27000	951.80000	9999.00000	9999.00000	.28015	.11914	.92513
2.337	1.349	19.83200	.10062	117.24000	951.56000	9999.00000	9999.00000	.27941	.11912	.92485
2.339	1.498	19.84100	.10068	117.22000	951.39000	9999.00000	9999.00000	.27972	.11914	.92566
2.337	1.658	19.84500	.10066	117.29000	952.04000	9999.00000	9999.00000	.27966	.11916	.92458
2.333	1.845	19.84400	.10060	117.37000	952.69000	9999.00000	9999.00000	.27904	.11924	.92319
	GRADIENT	.02189	.00021	-.52849	-4.12536	.00013	.00013	.00207	.00007	.00816

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0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOB1) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

ALPHA	=	20.000	PHI	=	.000
AILRON	=	.000	YP	=	1.000
IS	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	2.000			

RUN NO. 1379/ O RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

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OA257 (LARC 20HT6-6559) DM5-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOB2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 354/0 RN/L = 7.61 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.671	-4.585	24.14800	.27779	104.63000	852.65000	164.05000	9999.00000	.84173	.32056	3.03530
7.656	-4.400	24.15600	.27659	104.47000	851.39000	165.51000	9999.00000	.83834	.32031	3.02930
7.639	-4.200	24.15700	.27619	104.53000	851.89000	166.49000	9999.00000	.83854	.32022	3.02250
7.621	-4.000	24.15800	.27565	104.56000	852.16000	167.45000	9999.00000	.83589	.31970	3.01530
7.610	-3.800	24.16200	.27523	104.55000	852.10000	168.39000	9999.00000	.83452	.31951	3.01120
7.608	-3.600	24.16300	.27488	104.49000	851.62000	169.33000	9999.00000	.83366	.31923	3.01010
7.616	-3.400	24.17400	.27511	104.47000	851.49000	170.32000	9999.00000	.83193	.31876	3.01350
7.609	-3.200	24.17400	.27498	104.50000	851.81000	171.23000	9999.00000	.82589	.31840	3.01060
7.615	-3.000	24.18300	.27475	104.39000	850.93000	172.12000	9999.00000	.82060	.31840	3.01300
7.600	-2.800	24.18700	.27471	104.52000	851.99000	172.97000	9999.00000	.82371	.31815	3.00710
7.596	-2.600	24.19600	.27491	104.60000	852.72000	173.75000	9999.00000	.82419	.31802	3.00560
7.606	-2.400	24.20200	.27548	104.66000	853.21000	174.58000	9999.00000	.82246	.31806	3.00940
7.586	-2.200	24.20700	.27496	104.71000	853.64000	175.39000	9999.00000	.82185	.31807	3.00170
7.603	-2.000	24.20900	.27482	104.52000	852.11000	176.14000	9999.00000	.81929	.31822	3.00850
7.625	-1.800	24.21900	.27544	104.48000	851.82000	176.95000	9999.00000	.81378	.31860	3.01700
7.604	-1.600	24.22500	.27518	104.61000	852.88000	177.69000	9999.00000	.81490	.31875	3.00880
7.625	-1.400	24.23200	.27536	104.46000	851.74000	178.49000	9999.00000	.81542	.31884	3.01700
7.618	-1.200	24.23900	.27562	104.60000	852.87000	179.27000	9999.00000	.81928	.31872	3.01410
7.614	-1.000	24.24700	.27572	104.66000	853.39000	179.99000	9999.00000	.81909	.31867	3.01270
7.631	-.800	24.25300	.27612	104.61000	853.01000	180.78000	9999.00000	.81532	.31869	3.01920
7.623	-.600	24.25900	.27624	104.71000	853.85000	181.60000	9999.00000	.81176	.31886	3.01630
7.626	-.400	24.26700	.27637	104.71000	853.91000	182.33000	9999.00000	.81653	.31865	3.01760
7.634	-.200	24.27500	.27634	104.63000	853.30000	183.02000	9999.00000	.81649	.31888	3.02070
7.632	.000	24.28100	.27631	104.64000	853.42000	183.80000	9999.00000	.81699	.31908	3.01990
7.640	.200	24.28600	.27655	104.64000	853.43000	184.53000	9999.00000	.81572	.31969	3.02280
7.630	.400	24.28900	.27614	104.63000	853.34000	185.27000	9999.00000	.81307	.31978	3.01900
7.657	.600	24.29700	.27662	104.50000	852.37000	186.00000	9999.00000	.81346	.31949	3.02960
7.635	.800	24.30500	.27659	104.70000	853.99000	186.74000	9999.00000	.81457	.31971	3.02080
7.630	1.000	24.30900	.27670	104.77000	854.61000	187.41000	9999.00000	.81550	.31959	3.01900
7.615	1.200	24.31200	.27587	104.70000	854.05000	188.19000	9999.00000	.81237	.31968	3.01310
7.598	1.400	24.31600	.27538	104.73000	854.32000	188.90000	9999.00000	.80959	.31930	3.00650
7.586	1.600	24.32100	.27508	104.77000	854.70000	189.58000	9999.00000	.80405	.31882	3.00140
7.576	1.800	24.32500	.27478	104.79000	854.86000	190.28000	9999.00000	.80407	.31850	2.99750
7.579	2.000	24.33000	.27513	104.85000	855.39000	190.94000	9999.00000	.79736	.31825	2.99880
7.562	2.200	24.33400	.27450	104.85000	855.43000	191.69000	9999.00000	.79776	.31811	2.99200
7.560	2.400	24.34000	.27430	104.82000	855.17000	192.40000	9999.00000	.79587	.31812	2.99140
7.560	2.600	24.34500	.27414	104.77000	854.85000	193.02000	9999.00000	.79565	.31760	2.99140
7.568	2.800	24.35400	.27487	104.89000	855.80000	193.73000	9999.00000	.79468	.31739	2.99460
7.563	3.000	24.35900	.27462	104.88000	855.74000	194.47000	9999.00000	.79381	.31780	2.99240
7.579	3.200	24.36800	.27534	104.91000	856.05000	195.19000	9999.00000	.79678	.31790	2.99890
7.569	3.400	24.37200	.27482	104.88000	855.81000	195.85000	9999.00000	.80056	.31804	2.99470
7.582	3.512	24.37500	.27528	104.87000	855.78000	196.17000	9999.00000	.79777	.31805	2.99990
GRADIENT	.03018	.00016	-.13929	-.97321	3.67679	.00012	-.00046	.00089	.00800	

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7E1B2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2354/0 RN/L = 7.61 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.662	-4.500	24.15300	.27695	104.51000	851.69000	165.02000	9999.00000	.84079	.32039	3.03150
7.649	-4.300	24.15700	.27649	104.51000	851.70000	166.01000	9999.00000	.83882	.32030	3.02660
7.629	-4.100	24.15800	.27586	104.53000	851.92000	166.99000	9999.00000	.83679	.32001	3.01880
7.613	-3.900	24.15800	.27545	104.58000	852.30000	167.91000	9999.00000	.83532	.31955	3.01240
7.597	-3.700	24.16000	.27467	104.52000	851.92000	168.84000	9999.00000	.83353	.31938	3.00610
7.613	-3.500	24.16800	.27508	104.49000	851.64000	169.83000	9999.00000	.83469	.31904	3.01230
7.614	-3.300	24.17300	.27516	104.50000	851.75000	170.75000	9999.00000	.82703	.31857	3.01280
7.612	-3.100	24.18000	.27485	104.44000	851.34000	171.71000	9999.00000	.82363	.31833	3.01170
7.611	-2.900	24.18700	.27481	104.44000	851.34000	172.53000	9999.00000	.82089	.31820	3.01160
7.602	-2.700	24.19400	.27500	104.57000	852.42000	173.35000	9999.00000	.82397	.31811	3.00810
7.600	-2.500	24.19900	.27519	104.64000	853.07000	174.19000	9999.00000	.82544	.31804	3.00700
7.603	-2.300	24.20400	.27544	104.68000	853.40000	175.00000	9999.00000	.81958	.31804	3.00820
7.595	-2.100	24.21000	.27495	104.63000	852.97000	175.79000	9999.00000	.82082	.31809	3.00530
7.620	-1.900	24.21600	.27519	104.46000	851.65000	176.53000	9999.00000	.81671	.31835	3.01510
7.618	-1.700	24.22500	.27551	104.56000	852.52000	177.33000	9999.00000	.81218	.31871	3.01420
7.615	-1.500	24.22800	.27521	104.52000	852.19000	178.14000	9999.00000	.81591	.31878	3.01290
7.620	-1.300	24.23600	.27550	104.54000	852.40000	178.87000	9999.00000	.81943	.31885	3.01510
7.615	-1.100	24.24500	.27571	104.64000	853.23000	179.62000	9999.00000	.81803	.31865	3.01320
7.611	-.900	24.24800	.27563	104.66000	853.46000	180.39000	9999.00000	.81779	.31862	3.01140
7.641	-.700	24.25900	.27656	104.63000	853.17000	181.17000	9999.00000	.81428	.31878	3.02330
7.618	-.500	24.26600	.27622	104.75000	854.22000	181.90000	9999.00000	.81316	.31879	3.01420
7.637	-.300	24.27000	.27634	104.61000	853.06000	182.66000	9999.00000	.81617	.31877	3.02190
7.633	-.100	24.27600	.27644	104.68000	853.66000	183.42000	9999.00000	.81678	.31897	3.02000
7.637	.100	24.28300	.27640	104.63000	853.31000	184.18000	9999.00000	.81695	.31929	3.02170
7.627	.300	24.28700	.27619	104.67000	853.66000	184.92000	9999.00000	.81539	.31991	3.01770
7.642	.500	24.29400	.27633	104.57000	852.87000	185.63000	9999.00000	.81032	.31951	3.02360
7.642	.700	24.30100	.27652	104.62000	853.31000	186.34000	9999.00000	.81435	.31971	3.02360
7.638	.900	24.30800	.27688	104.74000	854.37000	187.10000	9999.00000	.81342	.31961	3.02220
7.621	1.100	24.31100	.27625	104.74000	854.35000	187.80000	9999.00000	.81498	.31966	3.01550
7.608	1.300	24.31400	.27567	104.72000	854.20000	188.56000	9999.00000	.80850	.31955	3.01020
7.592	1.500	24.31900	.27522	104.75000	854.51000	189.23000	9999.00000	.80795	.31904	3.00390
7.574	1.700	24.32100	.27469	104.78000	854.79000	189.91000	9999.00000	.80511	.31866	2.99680
7.578	1.900	24.32900	.27495	104.81000	855.08000	190.65000	9999.00000	.80200	.31830	2.99830
7.565	2.100	24.33300	.27470	104.88000	855.61000	191.34000	9999.00000	.79628	.31820	2.99310
7.561	2.300	24.33800	.27436	104.82000	855.22000	192.00000	9999.00000	.79802	.31811	2.99160
7.561	2.500	24.34400	.27423	104.79000	854.97000	192.67000	9999.00000	.79481	.31796	2.99170
7.571	2.700	24.35000	.27465	104.80000	855.12000	193.37000	9999.00000	.79411	.31738	2.99570
7.563	2.900	24.35900	.27468	104.90000	855.89000	194.06000	9999.00000	.79374	.31750	2.99230
7.573	3.100	24.36500	.27499	104.88000	855.80000	194.85000	9999.00000	.79617	.31789	2.99630
7.568	3.300	24.36800	.27498	104.93000	856.20000	195.48000	9999.00000	.80076	.31798	2.99430
7.580	3.500	24.37500	.27523	104.87000	855.78000	196.14000	9999.00000	.79793	.31805	2.99940
	GRADIENT	.02829	.00001	-.11000	-.75715	3.74143	.00000	-.00234	.00105	.00516

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PAGE 1007

OA257 (LARC 20-M6-6559) DV102 LESS OMS & V.T.

(T7EOB3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMMP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 380/ 0 RN/L = 2.28 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.275	-2.211	24.53800	.09888	117.96000	956.31000	9999.00000	9999.00000	.29517	.11730	.89997
2.277	-2.058	24.53700	.09888	117.85000	955.45000	9999.00000	9999.00000	.29492	.11748	.90114
2.275	-1.902	24.54200	.09898	118.03000	956.87000	9999.00000	9999.00000	.29326	.11758	.90011
2.279	-1.748	24.54700	.09922	118.08000	957.32000	9999.00000	9999.00000	.29271	.11769	.90174
2.279	-1.612	24.55700	.09920	118.06000	957.20000	9999.00000	9999.00000	.29277	.11734	.90169
2.277	-1.467	24.55600	.09914	118.07000	957.32000	9999.00000	9999.00000	.29326	.11791	.90100
2.279	-1.330	24.56500	.09930	118.14000	957.85000	9999.00000	9999.00000	.29351	.11801	.90182
2.279	-1.189	24.56400	.09936	118.20000	958.33000	9999.00000	9999.00000	.29332	.11807	.90170
2.280	-1.045	24.56900	.09936	118.17000	958.13000	9999.00000	9999.00000	.29203	.11819	.90196
2.282	-.908	24.57200	.09934	118.06000	957.24000	9999.00000	9999.00000	.29307	.11827	.90310
2.286	.766	24.58200	.09927	117.88000	955.82000	9999.00000	9999.00000	.29412	.11831	.90450
2.289	-.625	24.58600	.09943	117.91000	956.06000	9999.00000	9999.00000	.29344	.11837	.90562
2.287	-.477	24.59100	.09954	118.05000	957.28000	9999.00000	9999.00000	.29221	.11835	.90496
2.283	-.335	24.59000	.09953	118.18000	958.29000	9999.00000	9999.00000	.29277	.11839	.90350
2.281	-.201	24.59900	.09953	118.27000	959.07000	9999.00000	9999.00000	.29234	.11845	.90239
2.282	-.067	24.60900	.09957	118.26000	959.02000	9999.00000	9999.00000	.29246	.11851	.90292
2.283	.067	24.60700	.09962	118.28000	959.19000	9999.00000	9999.00000	.29307	.11853	.90316
2.278	.211	24.61100	.09954	118.36000	959.84000	9999.00000	9999.00000	.29246	.11858	.90153
2.279	.352	24.61500	.09962	118.42000	960.36000	9999.00000	9999.00000	.29264	.11862	.90155
2.277	.487	24.62500	.09966	118.49000	960.93000	9999.00000	9999.00000	.29320	.11866	.90113
2.279	.617	24.62300	.09972	118.47000	960.77000	9999.00000	9999.00000	.29277	.11868	.90193
2.281	.754	24.62800	.09970	118.41000	960.28000	9999.00000	9999.00000	.29271	.11868	.90249
2.289	.889	24.63200	.09976	118.16000	958.33000	9999.00000	9999.00000	.29283	.11870	.90582
2.289	1.023	24.64100	.09973	118.14000	958.17000	9999.00000	9999.00000	.29338	.11874	.90583
2.288	1.157	24.64400	.09966	118.14000	958.17000	9999.00000	9999.00000	.29326	.11876	.90521
2.294	1.291	24.65000	.09973	117.99000	957.00000	9999.00000	9999.00000	.29258	.11880	.90755
2.294	1.416	24.64800	.09978	118.00000	957.12000	9999.00000	9999.00000	.29154	.11884	.90785
2.296	1.549	24.65100	.09977	117.95000	956.67000	9999.00000	9999.00000	.29117	.11882	.90847
2.301	1.670	24.65500	.09982	117.82000	955.62000	9999.00000	9999.00000	.29197	.11882	.91045
2.301	1.798	24.65900	.09981	117.82000	955.66000	9999.00000	9999.00000	.29221	.11884	.91027
2.302	1.890	24.66200	.10009	117.99000	957.20000	9999.00000	9999.00000	.29203	.11894	.91097
	GRADIENT	.03432	.00012	.39609	3.32607	-.00018	-.00018	.00063	.00032	-.00338

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7E0B4) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 2.000

RUN NO. 1380/ 0 RN/L = 2.30 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.276	-2.031	24.53700	.09836	117.59000	955.66000	9999.00000	9999.00000	.29234	.11688	.90075
2.265	-1.843	24.54800	.09827	117.92000	958.25000	9999.00000	9999.00000	.29129	.11694	.89612
2.269	-1.662	24.55900	.09828	117.77000	957.00000	9999.00000	9999.00000	.29172	.11714	.89780
2.276	-1.476	24.56000	.09846	117.69000	956.22000	9999.00000	9999.00000	.29092	.11748	.90039
2.279	-1.275	24.56500	.09855	117.65000	955.82000	9999.00000	9999.00000	.29221	.11767	.90158
2.284	-1.086	24.57800	.09895	117.78000	956.83000	9999.00000	9999.00000	.29160	.11809	.90364
2.297	-.880	24.58000	.09931	117.61000	955.37000	9999.00000	9999.00000	.29351	.11833	.90890
2.295	-.687	24.58600	.09946	117.80000	956.79000	9999.00000	9999.00000	.29394	.11870	.90799
2.300	-.495	24.59300	.09981	117.89000	957.44000	9999.00000	9999.00000	.29381	.11904	.91017
2.321	-.301	24.60600	.10034	117.61000	955.05000	9999.00000	9999.00000	.29634	.11928	.91819
2.324	-.129	24.60700	.10059	117.67000	955.45000	9999.00000	9999.00000	.29511	.11926	.91972
2.330	.046	24.61100	.10055	117.45000	953.63000	9999.00000	9999.00000	.29572	.11942	.92188
2.310	.227	24.62300	.10057	118.14000	959.11000	9999.00000	9999.00000	.29338	.11934	.91402
2.311	.420	24.62800	.10047	118.03000	958.09000	9999.00000	9999.00000	.29455	.11940	.91432
2.318	.605	24.63300	.10045	117.75000	955.74000	9999.00000	9999.00000	.29529	.11945	.91732
2.303	-.803	24.63300	.10055	118.36000	960.61000	9999.00000	9999.00000	.29160	.11940	.91108
2.303	1.036	24.63900	.10030	118.15000	958.82000	9999.00000	9999.00000	.29123	.11936	.91118
2.317	1.237	24.65100	.10027	117.63000	954.48000	9999.00000	9999.00000	.29227	.11928	.91694
2.295	1.491	24.65700	.10011	118.26000	959.47000	9999.00000	9999.00000	.28914	.11916	.90807
	GRADIENT	.03643	.00062	.32617	2.14223	.00000	.00000	-.00069	.00034	.00166

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOB5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 356/ 0 RN/L = 7.67 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.668	-4.688	28.97300	.27557	104.12000	848.86000	184.01000	9999.00000	.84452	.31810	3.03410
7.663	-4.500	28.98200	.27550	104.15000	849.21000	185.38000	9999.00000	.85520	.31799	3.03190
7.668	-4.300	28.99000	.27600	104.23000	849.86000	186.36000	9999.00000	.86229	.31789	3.03420
7.665	-4.100	28.99800	.27593	104.25000	850.07000	187.33000	9999.00000	.85586	.31789	3.03270
7.668	-3.900	29.00500	.27631	104.31000	850.61000	188.23000	9999.00000	.84901	.31811	3.03420
7.656	-3.700	29.01200	.27643	104.46000	851.85000	189.22000	9999.00000	.85522	.31830	3.02920
7.647	-3.500	29.01500	.27578	104.38000	851.23000	190.15000	9999.00000	.84422	.31834	3.02570
7.656	-3.300	29.02600	.27616	104.39000	851.41000	191.00000	9999.00000	.84036	.31835	3.02920
7.643	-3.100	29.03300	.27603	104.48000	852.16000	191.94000	9999.00000	.85467	.31841	3.02420
7.686	-2.900	29.04100	.27645	104.19000	849.87000	192.87000	9999.00000	.84576	.31857	3.04130
7.696	-2.700	29.04900	.27636	104.09000	849.03000	193.63000	9999.00000	.85489	.31883	3.04510
7.706	-2.500	29.05600	.27668	104.08000	848.98000	194.48000	9999.00000	.85079	.31891	3.04920
7.701	-2.300	29.06500	.27698	104.20000	850.05000	195.36000	9999.00000	.86081	.31919	3.04700
7.704	-2.100	29.07600	.27717	104.23000	850.31000	196.13000	9999.00000	.85321	.31918	3.04810
7.690	-1.900	29.07900	.27676	104.25000	850.50000	196.93000	9999.00000	.84955	.31936	3.04290
7.682	-1.700	29.08700	.27653	104.27000	850.71000	197.78000	9999.00000	.85282	.32013	3.03950
7.691	-1.500	29.09600	.27681	104.25000	850.63000	198.54000	9999.00000	.84882	.32017	3.04330
7.688	-1.300	29.10700	.27719	104.38000	851.71000	199.35000	9999.00000	.84948	.31999	3.04210
7.670	-1.100	29.11200	.27684	104.45000	852.35000	200.10000	9999.00000	.85061	.31968	3.03500
7.671	-.900	29.11900	.27679	104.44000	852.25000	200.97000	9999.00000	.84956	.31958	3.03540
7.673	-.700	29.12600	.27674	104.41000	852.05000	201.69000	9999.00000	.84036	.31955	3.03610
7.664	-.500	29.13400	.27660	104.46000	852.55000	202.37000	9999.00000	.84809	.31924	3.03230
7.679	-.300	29.14100	.27660	104.33000	851.50000	203.13000	9999.00000	.84969	.31906	3.03830
7.698	-.100	29.14600	.27646	104.12000	849.84000	203.76000	9999.00000	.84598	.31920	3.04590
7.691	.100	29.15600	.27674	104.25000	850.98000	204.57000	9999.00000	.85712	.31922	3.04310
7.673	.300	29.16200	.27630	104.31000	851.48000	205.28000	9999.00000	.86401	.31951	3.03600
7.657	.500	29.16300	.27613	104.41000	852.36000	206.03000	9999.00000	.84909	.31943	3.02970
7.662	.700	29.17300	.27620	104.39000	852.19000	206.71000	9999.00000	.84966	.31948	3.03180
7.654	.900	29.18100	.27636	104.50000	853.16000	207.30000	9999.00000	.84642	.31927	3.02860
7.663	1.100	29.18800	.27636	104.43000	852.59000	208.03000	9999.00000	.85065	.31909	3.03190
7.663	1.300	29.19800	.27637	104.43000	852.70000	208.70000	9999.00000	.85743	.31904	3.03190
7.658	1.500	29.20300	.27619	104.43000	852.71000	209.30000	9999.00000	.85185	.31919	3.03010
7.670	1.700	29.20700	.27642	104.37000	852.31000	209.98000	9999.00000	.85287	.31909	3.03500
7.670	1.900	29.21700	.27646	104.39000	852.47000	210.66000	9999.00000	.85116	.31880	3.03500
7.653	2.100	29.22200	.27643	104.54000	853.79000	211.30000	9999.00000	.84797	.31885	3.02800
7.662	2.300	29.22700	.27616	104.40000	852.61000	211.95000	9999.00000	.84882	.31895	3.03160
7.681	2.500	29.23500	.27636	104.27000	851.66000	212.58000	9999.00000	.85017	.31903	3.03920
7.685	2.700	29.24000	.27640	104.25000	851.52000	213.19000	9999.00000	.85125	.31974	3.04070
7.680	2.900	29.24800	.27655	104.33000	852.24000	213.81000	9999.00000	.85106	.31971	3.03890
7.682	3.100	29.24900	.27608	104.20000	851.16000	214.37000	9999.00000	.84758	.31955	3.03970
7.673	3.300	29.25800	.27622	104.32000	852.19000	215.12000	9999.00000	.84477	.31946	3.03610
7.680	3.500	29.26400	.27651	104.33000	852.29000	215.34000	9999.00000	.84416	.31921	3.03890

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OA257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7EOB5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 356/0 RN/L = 7.67 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.674	3.688	29.27000	.27646	104.37000	852.69000	215.58000	9999.00000	.84382	.31901	3.03630
	GRADIENT	.03114	-.00042	-.02572	.01858	3.65143	.00000	.00844	.00033	-.00324

DATE 14 DEC 82

0A257 (LARC 20HT6-6559) DMS-DR-2466

PAGE 1011

0A257 (LARC 20-M6-6559) OV102 LESS OMS & V.T.

(T7E1B5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2356/ 0 RN/L = 7.68 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.659	-4.600	28.97700	.27537	104.15000	849.16000	184.88000	9999.00000	.85520	.31803	3.03060
7.668	-4.400	28.98700	.27580	104.18000	849.47000	185.81000	9999.00000	.85798	.31797	3.03400
7.663	-4.200	28.99200	.27585	104.24000	850.00000	186.84000	9999.00000	.86214	.31787	3.03200
7.673	-4.000	29.00000	.27630	104.27000	850.24000	187.78000	9999.00000	.85267	.31795	3.03590
7.665	-3.800	29.01000	.27646	104.38000	851.21000	188.69000	9999.00000	.85238	.31822	3.03280
7.643	-3.600	29.01400	.27592	104.45000	851.79000	189.65000	9999.00000	.84938	.31837	3.02410
7.656	-3.400	29.01700	.27596	104.34000	850.95000	190.62000	9999.00000	.84833	.31836	3.02930
7.650	-3.200	29.03100	.27626	104.47000	852.09000	191.51000	9999.00000	.84308	.31843	3.02690
7.668	-3.000	29.03600	.27613	104.28000	850.52000	192.35000	9999.00000	.85351	.31841	3.03410
7.700	-2.800	29.04700	.27658	104.10000	849.15000	193.27000	9999.00000	.85028	.31874	3.04670
7.698	-2.600	29.05200	.27639	104.08000	849.01000	194.09000	9999.00000	.85171	.31882	3.04580
7.714	-2.400	29.06300	.27704	104.10000	849.19000	194.93000	9999.00000	.85401	.31910	3.05220
7.710	-2.200	29.07300	.27730	104.20000	850.08000	195.71000	9999.00000	.86057	.31919	3.05060
7.696	-2.000	29.07600	.27696	104.24000	850.43000	196.58000	9999.00000	.85137	.31921	3.04520
7.687	-1.800	29.08400	.27666	104.25000	850.53000	197.30000	9999.00000	.85218	.31970	3.04170
7.687	-1.600	29.09500	.27657	104.23000	850.46000	198.12000	9999.00000	.84944	.32009	3.04150
7.692	-1.400	29.10000	.27720	104.35000	851.41000	198.97000	9999.00000	.84677	.32019	3.04360
7.681	-1.200	29.10700	.27704	104.41000	851.95000	199.68000	9999.00000	.85202	.31982	3.03930
7.670	-1.000	29.11500	.27678	104.45000	852.34000	200.54000	9999.00000	.84938	.31961	3.03470
7.668	-.800	29.12100	.27661	104.42000	852.13000	201.31000	9999.00000	.84385	.31961	3.03420
7.658	-.600	29.12600	.27645	104.47000	852.62000	202.04000	9999.00000	.84318	.31943	3.03020
7.672	-.400	29.13900	.27672	104.41000	852.18000	202.77000	9999.00000	.85200	.31910	3.03570
7.690	-.200	29.14300	.27634	104.16000	850.14000	203.47000	9999.00000	.85180	.31906	3.04290
7.696	0.000	29.15400	.27683	104.23000	850.77000	204.24000	9999.00000	.84941	.31924	3.04520
7.683	.200	29.16000	.27650	104.27000	851.11000	204.94000	9999.00000	.86146	.31938	3.04000
7.670	.400	29.16700	.27640	104.36000	851.92000	205.66000	9999.00000	.85590	.31947	3.03490
7.664	.600	29.16900	.27622	104.37000	852.04000	206.36000	9999.00000	.84980	.31945	3.03260
7.658	.800	29.17800	.27632	104.46000	852.78000	207.06000	9999.00000	.84830	.31938	3.03000
7.652	1.000	29.18400	.27615	104.47000	852.94000	207.72000	9999.00000	.84948	.31919	3.02760
7.669	1.200	29.19300	.27656	104.42000	852.55000	208.32000	9999.00000	.85264	.31904	3.03460
7.673	1.400	29.20100	.27669	104.42000	852.60000	208.99000	9999.00000	.85528	.31908	3.03610
7.660	1.600	29.20600	.27619	104.42000	852.64000	209.67000	9999.00000	.85173	.31917	3.03070
7.678	1.800	29.21100	.27656	104.34000	852.07000	210.31000	9999.00000	.85151	.31888	3.03800
7.664	2.000	29.22000	.27657	104.48000	853.21000	210.95000	9999.00000	.84942	.31879	3.03240
7.656	2.200	29.22700	.27646	104.52000	853.63000	211.61000	9999.00000	.84862	.31885	3.02930
7.672	2.400	29.22800	.27600	104.27000	851.59000	212.23000	9999.00000	.84924	.31891	3.03550
7.693	2.600	29.24000	.27662	104.23000	851.36000	212.87000	9999.00000	.85319	.31938	3.04390
7.679	2.800	29.24200	.27629	104.28000	851.76000	213.52000	9999.00000	.85117	.31983	3.03840
7.684	3.000	29.24700	.27650	104.29000	851.88000	214.13000	9999.00000	.84756	.31955	3.04040
7.675	3.200	29.25000	.27600	104.24000	851.52000	214.76000	9999.00000	.84793	.31963	3.03700
7.678	3.400	29.26100	.27640	104.32000	852.21000	215.23000	9999.00000	.84444	.31933	3.03810
7.677	3.600	29.26700	.27649	104.35000	852.50000	215.47000	9999.00000	.84398	.31911	3.03750
GRADIENT	.03607	-.00021	-.05179	-.23035	3.60893	.00012	.00666	.00020	.00048	

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOB6) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO .
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 AILRON = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 365/ 0 RN/L = 7.53 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.498	-.305	-.07144	.26764	104.04000	856.57000	9999.00000	9999.00000	.25133	.27740	2.96680
7.406	-.276	-.04434	.26541	104.29000	858.13000	9999.00000	9999.00000	.24991	.30607	2.93030
7.581	-.033	.02930	.27255	104.23000	851.46000	9999.00000	9999.00000	.25656	.28372	2.99960
7.452	.816	.02025	.26596	103.99000	855.47000	9999.00000	9999.00000	.25207	.30863	2.94860
7.498	1.916	.02979	.26843	104.20000	856.94000	9999.00000	9999.00000	.25170	.30821	2.96690
7.454	2.641	.03006	.26596	103.96000	854.73000	9999.00000	9999.00000	.25274	.30875	2.94940
7.525	3.720	.02931	.26967	104.25000	856.94000	9999.00000	9999.00000	.25508	.31030	2.97730
7.515	4.544	.03018	.26998	104.42000	858.05000	9999.00000	9999.00000	.25656	.31036	2.97340
7.488	5.399	.03039	.26923	104.46000	858.21000	9999.00000	9999.00000	.25865	.30970	2.96290
7.455	6.227	.03124	.26895	104.68000	859.84000	9999.00000	9999.00000	.26499	.30905	2.94980
7.460	7.440	.03252	.26915	104.68000	859.64000	9999.00000	9999.00000	.28346	.30964	2.95160
7.490	8.523	.03060	.26940	104.45000	857.51000	9999.00000	9999.00000	.34778	.30940	2.96380
7.492	9.401	.03224	.26965	104.49000	857.64000	9999.00000	9999.00000	.47328	.30940	2.96440
7.461	10.109	.03242	.26846	104.46000	857.19000	9999.00000	9999.00000	.58218	.30905	2.95200
7.455	11.079	.03282	.26870	104.57000	857.84000	9999.00000	9999.00000	.62810	.30905	2.94990
7.484	12.342	.03390	.26877	104.31000	855.51000	9999.00000	9999.00000	.66249	.31119	2.96120
7.578	13.211	.03353	.27261	104.42000	856.29000	9999.00000	9999.00000	.68197	.31280	2.99830
7.589	14.231	.03361	.27216	104.19000	854.20000	9999.00000	9999.00000	.69449	.31232	3.00290
7.569	15.321	.03195	.27140	104.18000	853.88000	9999.00000	9999.00000	.70841	.31226	2.99480
7.573	16.597	.03301	.27189	104.25000	854.24000	9999.00000	9999.00000	.72471	.31268	2.99660
7.589	17.668	.03450	.27236	104.22000	853.79000	9999.00000	9999.00000	.74101	.31369	3.00270
7.592	18.538	.03362	.27277	104.29000	854.12000	9999.00000	9999.00000	.74359	.31244	3.00390
7.531	19.285	.04002	.26960	104.03000	851.79000	9999.00000	9999.00000	.74319	.31077	2.97970
7.614	20.228	.04531	.27276	104.06000	851.91000	9999.00000	9999.00000	.76347	.31441	3.01270
7.628	21.557	.04636	.27354	104.12000	852.20000	9999.00000	9999.00000	.77719	.31459	3.01820
7.662	22.518	.04582	.27354	103.81000	849.42000	9999.00000	9999.00000	.78752	.31495	3.03160
7.615	23.659	.04485	.27340	104.19000	852.32000	9999.00000	9999.00000	.80462	.31387	3.01310
7.579	24.418	.04620	.27204	104.16000	851.91000	9999.00000	9999.00000	.81138	.31364	2.99890
	GRADIENT	.00177	-.00179	-.03941	-.54076	.00000	.00000	.00891	-.00030	-.01871

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E087) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 AILRDN = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 364/0 RN/L = 7.39 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.356	14.000	-.20245	.26462	104.55000	860.01000	9999.00000	9999.00000	.67740	.27895	2.91050
7.507	14.432	-.20094	.27266	104.91000	856.25000	9999.00000	9999.00000	.69410	.28312	2.97020
7.373	14.596	-.20156	.26579	104.67000	860.69000	9999.00000	9999.00000	.69211	.30720	2.91750
7.377	15.582	-.20119	.26584	104.65000	860.36000	9999.00000	9999.00000	.69966	.30744	2.91880
7.355	16.696	-.20273	.26574	104.82000	861.66000	9999.00000	9999.00000	.71656	.30738	2.91010
7.354	17.682	-.18603	.26603	104.90000	862.19000	9999.00000	9999.00000	.72709	.30714	2.90960
7.385	18.580	-.06728	.26729	104.93000	862.27000	9999.00000	9999.00000	.73703	.30726	2.92190
7.357	19.380	-.05606	.26676	105.05000	863.04000	9999.00000	9999.00000	.74419	.30642	2.91090
7.341	20.396	-.04605	.26475	104.66000	859.72000	9999.00000	9999.00000	.74498	.30636	2.90460
7.345	21.547	-.04086	.26603	104.95000	861.90000	9999.00000	9999.00000	.76089	.30630	2.90630
7.318	22.501	-.04683	.26469	104.85000	860.93000	9999.00000	9999.00000	.77063	.30607	2.89540
7.348	23.266	-.04564	.26611	104.93000	861.42000	9999.00000	9999.00000	.78216	.30666	2.90730
7.369	23.966	-.04208	.26648	104.82000	860.32000	9999.00000	9999.00000	.79368	.30654	2.91580
7.385	25.139	-.04133	.26663	104.69000	859.07000	9999.00000	9999.00000	.80422	.30762	2.92220
7.377	25.935	-.04519	.26732	104.95000	861.01000	9999.00000	9999.00000	.82748	.30779	2.91880
7.391	26.922	-.04321	.26756	104.87000	860.21000	9999.00000	9999.00000	.83980	.30821	2.92430
7.389	27.991	-.04398	.26815	105.04000	861.34000	9999.00000	9999.00000	.83960	.30869	2.92350
7.389	28.617	-.03797	.26776	104.93000	860.29000	9999.00000	9999.00000	.83424	.30887	2.92350
7.390	29.653	-.04477	.26865	105.14000	861.78000	9999.00000	9999.00000	.83662	.30881	2.92410
7.396	31.031	-.04644	.26870	105.09000	861.21000	9999.00000	9999.00000	.84358	.30917	2.92630
7.406	31.950	-.04607	.26837	104.90000	859.48000	9999.00000	9999.00000	.83841	.31077	2.93040
7.411	32.793	-.04672	.26934	105.09000	860.89000	9999.00000	9999.00000	.84298	.31054	2.93250
7.463	33.636	-.04639	.26981	104.72000	857.68000	9999.00000	9999.00000	.84895	.31143	2.95300
7.413	35.012	-.04753	.26998	105.22000	861.62000	9999.00000	9999.00000	.85312	.31149	2.93320
7.432	35.951	-.04824	.26979	104.98000	859.52000	9999.00000	9999.00000	.86067	.31185	2.94080
7.423	36.802	-.04698	.27000	105.13000	860.52000	9999.00000	9999.00000	.87101	.31226	2.93690
7.438	37.790	-.05327	.27189	105.46000	863.12000	9999.00000	9999.00000	.90142	.31280	2.94310
7.391	38.696	-.05947	.26979	105.35000	862.03000	9999.00000	9999.00000	.91474	.31131	2.92440
	GRADIENT	.00508	.00053	-.15694	-1.57041	.00000	.00000	.01646	-.00017	.01214

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E0B8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = -.500 PHI = .000
 AILRDN = .000 YP = .000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 1.000
 S-DIR = 2.000

RUN NO. 366/ O RN/L = 7.54 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.721	-.047	-.48285	.27456	103.43000	844.07000	9999.00000	9999.00000	.25767	.28491	3.05520
7.463	.102	-.47572	.26665	104.10000	857.19000	9999.00000	9999.00000	.31153	.28157	2.95310
7.488	.181	-.51559	.26712	103.99000	855.92000	9999.00000	9999.00000	.25324	.30905	2.96290
7.468	1.381	-.51424	.26732	104.22000	857.68000	9999.00000	9999.00000	.25416	.30881	2.95500
7.478	2.510	-.51578	.26836	104.38000	858.90000	9999.00000	9999.00000	.25527	.30970	2.95900
7.485	3.563	-.51434	.26901	104.48000	859.56000	9999.00000	9999.00000	.25656	.30952	2.96160
7.464	4.702	-.51333	.26874	104.60000	860.32000	9999.00000	9999.00000	.25939	.30905	2.95350
7.460	5.573	-.51385	.26883	104.65000	860.65000	9999.00000	9999.00000	.26352	.30797	2.95180
7.372	6.825	-.51292	.26525	104.54000	859.52000	9999.00000	9999.00000	.28167	.30630	2.91710
7.405	8.308	-.51144	.26559	104.31000	857.55000	9999.00000	9999.00000	.34199	.30797	2.92980
7.483	9.212	-.51233	.26887	104.42000	858.25000	9999.00000	9999.00000	.45044	.31006	2.96100
7.489	10.812	-.51169	.26926	104.46000	858.37000	9999.00000	9999.00000	.62075	.31000	2.96320
7.482	12.033	-.51108	.26907	104.47000	858.33000	9999.00000	9999.00000	.66090	.30940	2.96040
7.475	13.331	-.50988	.26878	104.46000	858.05000	9999.00000	9999.00000	.67700	.30982	2.95750
7.510	14.316	-.50896	.26994	104.42000	857.51000	9999.00000	9999.00000	.69191	.31077	2.97160
7.529	15.274	-.50914	.27109	104.54000	858.29000	9999.00000	9999.00000	.70244	.31095	2.97890
7.522	16.543	-.51123	.26991	104.29000	856.08000	9999.00000	9999.00000	.71576	.31077	2.97620
7.515	17.746	-.50951	.26992	104.34000	856.37000	9999.00000	9999.00000	.73008	.30976	2.97350
7.442	19.078	-.50882	.26796	104.51000	857.51000	9999.00000	9999.00000	.73365	.30833	2.94460
7.460	20.129	-.50866	.26764	104.25000	855.22000	9999.00000	9999.00000	.74518	.30827	2.95180
7.470	21.327	-.50834	.26815	104.29000	855.35000	9999.00000	9999.00000	.76128	.31000	2.95550
7.543	22.789	-.50894	.27176	104.53000	857.15000	9999.00000	9999.00000	.78673	.31238	2.98450
7.523	24.100	-.50717	.27135	104.60000	857.47000	9999.00000	9999.00000	.80124	.31149	2.97660
7.534	24.788	-.50818	.27021	104.18000	853.75000	9999.00000	9999.00000	.80760	.31036	2.98120
7.504	26.107	-.50757	.26957	104.29000	854.45000	9999.00000	9999.00000	.82509	.31006	2.96920
7.556	27.631	-.50629	.27058	104.05000	852.32000	9999.00000	9999.00000	.84596	.31244	2.98990
7.603	28.780	-.50658	.27270	104.16000	853.02000	9999.00000	9999.00000	.84417	.31328	3.00820
7.640	30.277	-.50686	.27332	103.97000	851.22000	9999.00000	9999.00000	.84835	.31340	3.02300
7.622	31.554	-.50757	.27252	103.92000	850.65000	9999.00000	9999.00000	.84736	.31286	3.01580
7.678	32.593	-.50462	.27222	103.34000	845.62000	9999.00000	9999.00000	.84815	.31340	3.03780
7.665	33.652	-.50515	.27329	103.71000	848.48000	9999.00000	9999.00000	.86087	.31381	3.03290
7.681	35.032	-.50411	.27288	103.46000	846.15000	9999.00000	9999.00000	.86326	.31393	3.03900
7.707	36.282	-.50469	.27554	103.87000	849.34000	9999.00000	9999.00000	.86843	.31554	3.04960
7.657	37.230	-.49480	.27412	103.96000	849.87000	9999.00000	9999.00000	.90321	.31542	3.02970
7.621	38.900	-.48980	.27397	104.24000	851.87000	9999.00000	9999.00000	.94058	.31483	3.01540
	GRADIENT	-.00147	-.00166	-.61070	-.5.40761	.00000	.00000	.00924	-.00164	.00669

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOB9) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

BETA	=	.500	PHI	=	.000
AILRON	=	.000	YP	=	.000
1S	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	1.000
S-DIR	=	2.000			

RUN NO. = 367/Q RN/L = 7.53 GRADIENT INTERVAL = 23.00/25.00

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 374/0 RN/L = 7.49 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.428	-4.319	14.49100	.26929	104.99000	861.48000	9999.00000	9999.00000	.70876	.31659	2.93900
7.407	-4.200	14.49800	.26901	105.11000	862.45000	9999.00000	9999.00000	.71131	.31641	2.93090
7.449	-4.000	14.49900	.26973	104.90000	860.76000	9999.00000	9999.00000	.70612	.31630	2.94730
7.460	-3.800	14.49900	.26994	104.85000	860.30000	9999.00000	9999.00000	.70823	.31683	2.95190
7.470	-3.600	14.50300	.27036	104.87000	860.44000	9999.00000	9999.00000	.71612	.31676	2.95560
7.472	-3.400	14.50500	.27018	104.80000	859.90000	9999.00000	9999.00000	.71514	.31685	2.95640
7.480	-3.200	14.51000	.27068	104.86000	860.34000	9999.00000	9999.00000	.71587	.31683	2.95950
7.466	-3.000	14.51200	.27019	104.85000	860.29000	9999.00000	9999.00000	.71472	.31711	2.95430
7.487	-2.800	14.51600	.27063	104.77000	859.62000	9999.00000	9999.00000	.70942	.31699	2.96260
7.517	-2.600	14.52200	.27082	104.54000	857.72000	9999.00000	9999.00000	.70409	.31702	2.97440
7.505	-2.400	14.52500	.27037	104.54000	857.70000	9999.00000	9999.00000	.70229	.31727	2.96950
7.495	-2.200	14.52900	.27046	104.66000	858.62000	9999.00000	9999.00000	.69829	.31708	2.96570
7.499	-2.000	14.53400	.27093	104.74000	859.32000	9999.00000	9999.00000	.70160	.31703	2.96710
7.498	-1.800	14.53600	.27098	104.76000	859.48000	9999.00000	9999.00000	.70077	.31713	2.96670
7.516	-1.600	14.54200	.27133	104.68000	858.83000	9999.00000	9999.00000	.70226	.31737	2.97380
7.523	-1.400	14.54500	.27105	104.54000	857.66000	9999.00000	9999.00000	.70086	.31735	2.97680
7.543	-1.200	14.54900	.27210	104.63000	858.37000	9999.00000	9999.00000	.70186	.31726	2.98450
7.551	-1.000	14.55400	.27204	104.54000	857.63000	9999.00000	9999.00000	.70399	.31763	2.98770
7.544	-.800	14.55800	.27184	104.55000	857.69000	9999.00000	9999.00000	.70587	.31772	2.98510
7.538	-.600	14.56200	.27190	104.62000	858.25000	9999.00000	9999.00000	.70439	.31785	2.98270
7.532	-.400	14.56500	.27131	104.53000	857.49000	9999.00000	9999.00000	.70573	.31777	2.98010
7.544	-.200	14.56900	.27156	104.48000	857.10000	9999.00000	9999.00000	.70142	.31777	2.98480
7.534	.000	14.57100	.27104	104.44000	856.71000	9999.00000	9999.00000	.70271	.31808	2.98110
7.542	.200	14.57500	.27147	104.47000	857.00000	9999.00000	9999.00000	.70163	.31775	2.98430
7.517	.400	14.57700	.27056	104.47000	857.00000	9999.00000	9999.00000	.70162	.31726	2.97420
7.509	.600	14.58100	.27080	104.60000	858.06000	9999.00000	9999.00000	.69836	.31667	2.97120
7.493	.800	14.58300	.27031	104.63000	858.22000	9999.00000	9999.00000	.69711	.31644	2.96490
7.499	1.000	14.58800	.27050	104.62000	858.18000	9999.00000	9999.00000	.69088	.31624	2.96710
7.476	1.200	14.59000	.27007	104.72000	859.00000	9999.00000	9999.00000	.69097	.31610	2.95800
7.498	1.400	14.59400	.27063	104.66000	858.46000	9999.00000	9999.00000	.69452	.31603	2.96690
7.502	1.600	14.60000	.27064	104.62000	858.17000	9999.00000	9999.00000	.69496	.31605	2.96850
7.489	1.800	14.60000	.27031	104.66000	858.47000	9999.00000	9999.00000	.69570	.31589	2.96320
7.486	2.000	14.60500	.27025	104.68000	858.59000	9999.00000	9999.00000	.69491	.31611	2.96190
7.483	2.200	14.60900	.27035	104.73000	858.97000	9999.00000	9999.00000	.69378	.31579	2.96090
7.481	2.400	14.61200	.27067	104.83000	859.79000	9999.00000	9999.00000	.69494	.31579	2.96020
7.493	2.600	14.61700	.27122	104.86000	860.07000	9999.00000	9999.00000	.69542	.31575	2.96460
7.488	2.800	14.62000	.27063	104.75000	859.16000	9999.00000	9999.00000	.69205	.31617	2.96280
7.509	3.000	14.62300	.27095	104.64000	858.19000	9999.00000	9999.00000	.69202	.31618	2.97120
7.481	3.200	14.62700	.27032	104.74000	859.00000	9999.00000	9999.00000	.68786	.31626	2.96010
7.475	3.400	14.63100	.27010	104.74000	859.00000	9999.00000	9999.00000	.68466	.31585	2.95760
7.481	3.600	14.63300	.27025	104.72000	858.81000	9999.00000	9999.00000	.68309	.31593	2.96020
7.459	3.800	14.63700	.26988	104.83000	859.70000	9999.00000	9999.00000	.67879	.31594	2.95140

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 IS = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 374/ 0 RN/L = 7.49 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.439	4.000	14.64000	.26898	104.78000	859.33000	9999.00000	9999.00000	.67778	.31545	2.94350
7.431	4.169	14.63700	.26886	104.83000	859.69000	9999.00000	9999.00000	.67369	.31485	2.94010
GRADIENT		.01554	-.00087	-.03393	-.29463	.00012	.00012	-.00466	-.00082	-.00836

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	15.000	PHI	=	.000
AILRON	=	.000	YP	=	1.000
IS	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	1.000			

RUN NO. 2374/0 RN/L = 7.49 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.424	-4.300	14.49200	.26943	105.06000	862.08000	9999.00000	9999.00000	.71200	.31646	2.93740
7.424	-4.100	14.49800	.26944	105.06000	862.03000	9999.00000	9999.00000	.70768	.31634	2.93760
7.451	-3.900	14.49700	.26964	104.86000	860.41000	9999.00000	9999.00000	.70756	.31666	2.94800
7.470	-3.700	14.50200	.27031	104.85000	860.33000	9999.00000	9999.00000	.71178	.31676	2.95570
7.466	-3.500	14.50300	.27008	104.84000	860.17000	9999.00000	9999.00000	.71748	.31678	2.95400
7.475	-3.300	14.50900	.27038	104.82000	860.06000	9999.00000	9999.00000	.71465	.31674	2.95780
7.475	-3.100	14.51000	.27054	104.86000	860.38000	9999.00000	9999.00000	.71626	.31699	2.95770
7.481	-2.900	14.51500	.27059	104.82000	860.00000	9999.00000	9999.00000	.71357	.31712	2.96020
7.500	-2.700	14.51800	.27072	104.68000	858.82000	9999.00000	9999.00000	.70612	.31688	2.96760
7.506	-2.500	14.52200	.27030	104.51000	857.48000	9999.00000	9999.00000	.70245	.31727	2.96990
7.495	-2.300	14.52400	.27023	104.59000	858.13000	9999.00000	9999.00000	.70078	.31713	2.96570
7.502	-2.100	14.53000	.27084	104.69000	858.87000	9999.00000	9999.00000	.69997	.31698	2.96850
7.496	-1.900	14.53300	.27100	104.79000	859.70000	9999.00000	9999.00000	.70132	.31707	2.96580
7.507	-1.700	14.53900	.27117	104.72000	859.15000	9999.00000	9999.00000	.70152	.31721	2.97050
7.513	-1.500	14.54400	.27107	104.65000	858.51000	9999.00000	9999.00000	.70105	.31746	2.97260
7.543	-1.300	14.54800	.27181	104.56000	857.76000	9999.00000	9999.00000	.70191	.31723	2.98460
7.542	-1.100	14.55200	.27189	104.59000	858.02000	9999.00000	9999.00000	.70301	.31745	2.98410
7.548	-.900	14.55400	.27195	104.54000	857.62000	9999.00000	9999.00000	.70597	.31767	2.98670
7.544	-.700	14.56000	.27196	104.58000	857.95000	9999.00000	9999.00000	.70538	.31781	2.98500
7.528	-.500	14.56300	.27154	104.62000	858.24000	9999.00000	9999.00000	.70530	.31790	2.97880
7.550	-.300	14.56700	.27163	104.44000	856.75000	9999.00000	9999.00000	.70293	.31766	2.98740
7.531	-.100	14.57000	.27117	104.50000	857.22000	9999.00000	9999.00000	.70388	.31795	2.98000
7.542	.100	14.57200	.27137	104.45000	856.80000	9999.00000	9999.00000	.70101	.31795	2.98420
7.518	.300	14.57500	.27064	104.48000	857.07000	9999.00000	9999.00000	.70328	.31756	2.97470
7.511	.500	14.57800	.27063	104.54000	857.54000	9999.00000	9999.00000	.69919	.31684	2.97210
7.501	.700	14.58300	.27064	104.64000	858.30000	9999.00000	9999.00000	.69688	.31657	2.96810
7.498	.900	14.58500	.27035	104.60000	857.98000	9999.00000	9999.00000	.69547	.31635	2.96660
7.484	1.100	14.59000	.27035	104.72000	858.98000	9999.00000	9999.00000	.69032	.31619	2.96130
7.481	1.300	14.59200	.27023	104.71000	858.91000	9999.00000	9999.00000	.69317	.31606	2.96020
7.516	1.500	14.59600	.27097	104.58000	857.80000	9999.00000	9999.00000	.69328	.31599	2.97400
7.489	1.700	14.59800	.27027	104.65000	858.36000	9999.00000	9999.00000	.69503	.31596	2.96340
7.484	1.900	14.60300	.27011	104.66000	858.44000	9999.00000	9999.00000	.69609	.31591	2.96120
7.487	2.100	14.60600	.27043	104.71000	858.82000	9999.00000	9999.00000	.69422	.31597	2.96260
7.483	2.300	14.61200	.27056	104.79000	859.45000	9999.00000	9999.00000	.69396	.31577	2.96070
7.485	2.500	14.61500	.27083	104.84000	859.86000	9999.00000	9999.00000	.69542	.31574	2.96150
7.485	2.700	14.61900	.27086	104.84000	859.88000	9999.00000	9999.00000	.69282	.31597	2.96160
7.502	2.900	14.62100	.27074	104.65000	858.30000	9999.00000	9999.00000	.69157	.31622	2.96840
7.491	3.100	14.62700	.27051	104.69000	858.64000	9999.00000	9999.00000	.68929	.31631	2.96410
7.484	3.300	14.62900	.27033	104.71000	858.80000	9999.00000	9999.00000	.68641	.31608	2.96120
7.473	3.500	14.63400	.27017	104.77000	859.25000	9999.00000	9999.00000	.68466	.31586	2.95700
7.471	3.700	14.63700	.27013	104.78000	859.32000	9999.00000	9999.00000	.68072	.31600	2.95610
7.446	3.900	14.64000	.26960	104.87000	860.09000	9999.00000	9999.00000	.67969	.31573	2.94630

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 15.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2374/0 RN/L = 7.49 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.426	4.100	14.63700	.26849	104.78000	859.30000	9999.00000	9999.00000	.67577	.31538	2.93820
	GRADIENT	.01443	-.00105	-.04714	-.42286	.00000	.00000	-.00462	-.00080	-.00963

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA	=	20.000	PHI	=	.000
AIRLON	=	.000	YP	=	1.000
1S	=	1.000	ELEVON	=	.000
MACH	=	6.000	S-MODE	=	2.000
S-DIR	=	1.000			

RUN NO.	370/ O	RN/L =	7.56	GRADIENT INTERVAL =	-.60/ .60
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RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.555	-4.458	19.17800	.27273	104.55000	855.05000	9999.00000	.00000	.76750	.31606	2.98950
7.535	-4.300	19.18900	.27196	104.54000	855.01000	9999.00000	.00000	.76061	.31602	2.98160
7.543	-4.100	19.19200	.27248	104.61000	855.59000	9999.00000	.00000	.76127	.31556	2.98450
7.555	-3.900	19.19300	.27290	104.61000	855.58000	9999.00000	.00000	.76621	.31553	2.98930
7.543	-3.700	19.19700	.27255	104.62000	855.75000	9999.00000	.00000	.76622	.31567	2.98470
7.542	-3.500	19.20000	.27268	104.67000	856.20000	9999.00000	.00000	.75467	.31567	2.98400
7.543	-3.300	19.20500	.27275	104.68000	856.31000	9999.00000	.00000	.75148	.31560	2.98440
7.539	-3.100	19.20900	.27251	104.66000	856.13000	9999.00000	.00000	.75551	.31554	2.98290
7.536	-2.900	19.21400	.27245	104.67000	856.27000	9999.00000	.00000	.75577	.31541	2.98180
7.530	-2.700	19.21900	.27239	104.71000	856.60000	9999.00000	.00000	.75461	.31511	2.97950
7.548	-2.500	19.22500	.27264	104.61000	855.84000	9999.00000	.00000	.75473	.31513	2.98650
7.541	-2.300	19.22800	.27238	104.61000	855.83000	9999.00000	.00000	.75237	.31526	2.98380
7.555	-2.100	19.23300	.27256	104.53000	855.22000	9999.00000	.00000	.74989	.31523	2.98920
7.560	-1.900	19.23700	.27254	104.47000	854.79000	9999.00000	.00000	.75389	.31516	2.99140
7.550	-1.700	19.24100	.27248	104.55000	855.47000	9999.00000	.00000	.75096	.31528	2.98740
7.544	-1.500	19.24600	.27245	104.60000	855.89000	9999.00000	.00000	.75153	.31522	2.98510
7.548	-1.300	19.25100	.27213	104.49000	854.99000	9999.00000	.00000	.75156	.31516	2.98650
7.571	-1.100	19.26000	.27319	104.55000	855.51000	9999.00000	.00000	.74781	.31528	2.99560
7.553	-.900	19.26400	.27312	104.70000	856.76000	9999.00000	.00000	.75398	.31557	2.98850
7.557	-.700	19.27000	.27333	104.72000	856.95000	9999.00000	.00000	.75431	.31569	2.99000
7.549	-.500	19.27400	.27285	104.67000	856.57000	9999.00000	.00000	.75228	.31563	2.98690
7.551	-.300	19.27800	.27254	104.57000	855.82000	9999.00000	.00000	.75470	.31569	2.98760
7.542	-.100	19.28300	.27242	104.62000	856.25000	9999.00000	.00000	.75357	.31558	2.98430
7.558	.100	19.28800	.27288	104.60000	856.08000	9999.00000	.00000	.75409	.31591	2.99040
7.562	.300	19.29300	.27302	104.60000	856.11000	9999.00000	.00000	.75717	.31613	2.99190
7.564	.500	19.29800	.27298	104.57000	855.89000	9999.00000	.00000	.75689	.31589	2.99290
7.560	.700	19.30300	.27288	104.58000	856.04000	9999.00000	.00000	.75771	.31576	2.99120
7.574	.900	19.31300	.27370	104.66000	856.69000	9999.00000	.00000	.75722	.31557	2.99690
7.547	1.100	19.31400	.27273	104.66000	856.75000	9999.00000	.00000	.75759	.31563	2.98620
7.546	1.300	19.31600	.27236	104.58000	856.10000	9999.00000	.00000	.75317	.31527	2.98580
7.544	1.500	19.32000	.27235	104.60000	856.27000	9999.00000	.00000	.75077	.31505	2.98500
7.555	1.700	19.32600	.27210	104.43000	854.92000	9999.00000	.00000	.74204	.31515	2.98950
7.566	1.900	19.33300	.27267	104.48000	855.34000	9999.00000	.00000	.74239	.31534	2.99380
7.555	2.100	19.33600	.27257	104.56000	856.00000	9999.00000	.00000	.74182	.31535	2.98950
7.548	2.300	19.33900	.27214	104.51000	855.68000	9999.00000	.00000	.74438	.31534	2.98660
7.550	2.500	19.34600	.27254	104.60000	856.39000	9999.00000	.00000	.74235	.31522	2.98740
7.565	2.700	19.35300	.27334	104.66000	856.97000	9999.00000	.00000	.74101	.31524	2.99340
7.573	2.900	19.35700	.27345	104.62000	856.65000	9999.00000	.00000	.74369	.31548	2.99650
7.579	3.100	19.36100	.27337	104.55000	856.09000	9999.00000	.00000	.74388	.31560	2.99880
7.582	3.300	19.36600	.27284	104.39000	854.80000	9999.00000	.00000	.74232	.31565	2.99990
7.602	3.500	19.37300	.27334	104.33000	854.35000	9999.00000	.00000	.73994	.31581	3.00800
7.592	3.700	19.37700	.27348	104.47000	855.48000	9999.00000	.00000	.74064	.31606	3.00380

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 370/ 0 RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.583	3.900	19.38300	.27347	104.54000	856.16000	9999.00000	.00000	.74074	.31621	3.00030
	GRADIENT		.02429	.00036	-.06143	-.38571	.00000	.00443	.00042	.00700

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C2) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2370/ O RN/L = 7.56 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.549	-4.400	19.18100	.27229	104.50000	854.68000	9999.00000	.00000	.76197	.31612	2.98690
7.534	-4.200	19.19100	.27207	104.58000	855.36000	9999.00000	.00000	.75989	.31582	2.98110
7.546	-4.000	19.19200	.27258	104.60000	855.54000	9999.00000	.00000	.76386	.31541	2.98590
7.551	-3.800	19.19400	.27280	104.62000	855.72000	9999.00000	.00000	.76751	.31565	2.98760
7.539	-3.600	19.19700	.27245	104.63000	855.86000	9999.00000	.00000	.75915	.31567	2.98310
7.545	-3.400	19.20100	.27286	104.69000	856.34000	9999.00000	.00000	.75130	.31558	2.98540
7.542	-3.200	19.20700	.27270	104.68000	856.25000	9999.00000	.00000	.75554	.31562	2.98430
7.536	-3.000	19.21200	.27249	104.68000	856.28000	9999.00000	.00000	.75392	.31552	2.98200
7.531	-2.800	19.21600	.27238	104.70000	856.54000	9999.00000	.00000	.75682	.31519	2.97970
7.539	-2.600	19.22100	.27254	104.67000	856.26000	9999.00000	.00000	.75441	.31513	2.98310
7.552	-2.400	19.22600	.27279	104.61000	855.86000	9999.00000	.00000	.75530	.31519	2.98820
7.546	-2.200	19.23000	.27239	104.57000	855.51000	9999.00000	.00000	.75005	.31527	2.98570
7.547	-2.000	19.23400	.27239	104.56000	855.47000	9999.00000	.00000	.75239	.31524	2.98610
7.563	-1.800	19.24100	.27263	104.47000	854.78000	9999.00000	.00000	.75185	.31522	2.99250
7.538	-1.600	19.24400	.27217	104.59000	855.77000	9999.00000	.00000	.75058	.31529	2.98260
7.536	-1.400	19.24800	.27217	104.60000	855.91000	9999.00000	.00000	.75259	.31510	2.98200
7.567	-1.200	19.25600	.27266	104.45000	854.67000	9999.00000	.00000	.74707	.31522	2.99410
7.572	-1.000	19.26400	.27362	104.65000	856.33000	9999.00000	.00000	.75413	.31540	2.99610
7.551	-.800	19.26700	.27315	104.73000	857.00000	9999.00000	.00000	.75471	.31573	2.98770
7.556	-.600	19.27400	.27326	104.71000	856.89000	9999.00000	.00000	.75335	.31565	2.98960
7.545	-.400	19.27400	.27243	104.60000	855.98000	9999.00000	.00000	.75391	.31571	2.98550
7.548	-.200	19.27900	.27258	104.61000	856.13000	9999.00000	.00000	.75385	.31553	2.98650
7.554	.000	19.28500	.27276	104.60000	856.08000	9999.00000	.00000	.75413	.31570	2.98900
7.562	.200	19.29100	.27307	104.61000	856.20000	9999.00000	.00000	.75564	.31607	2.99200
7.557	.400	19.29600	.27280	104.59000	856.01000	9999.00000	.00000	.75731	.31605	2.99020
7.560	.600	19.30200	.27289	104.58000	856.01000	9999.00000	.00000	.75732	.31584	2.99140
7.564	.800	19.30900	.27312	104.60000	856.22000	9999.00000	.00000	.75681	.31564	2.99300
7.560	1.000	19.31300	.27328	104.68000	856.89000	9999.00000	.00000	.75874	.31560	2.99150
7.542	1.200	19.31300	.27236	104.62000	856.42000	9999.00000	.00000	.75521	.31554	2.98400
7.547	1.400	19.31900	.27241	104.59000	856.20000	9999.00000	.00000	.75281	.31511	2.98600
7.546	1.600	19.32300	.27209	104.51000	855.58000	9999.00000	.00000	.74753	.31504	2.98590
7.563	1.800	19.32800	.27247	104.46000	855.18000	9999.00000	.00000	.74130	.31524	2.99230
7.553	2.000	19.33200	.27240	104.53000	855.79000	9999.00000	.00000	.74171	.31537	2.98860
7.553	2.200	19.33600	.27240	104.53000	855.80000	9999.00000	.00000	.74445	.31545	2.98870
7.553	2.400	19.34300	.27242	104.54000	855.91000	9999.00000	.00000	.74177	.31526	2.98860
7.558	2.600	19.35000	.27302	104.65000	856.86000	9999.00000	.00000	.74180	.31519	2.99040
7.562	2.800	19.35500	.27321	104.67000	857.00000	9999.00000	.00000	.74283	.31539	2.99190
7.571	3.000	19.36100	.27331	104.60000	856.51000	9999.00000	.00000	.74440	.31556	2.99580
7.585	3.200	19.36400	.27324	104.46000	855.37000	9999.00000	.00000	.74378	.31560	3.00110
7.594	3.400	19.36900	.27307	104.34000	854.38000	9999.00000	.00000	.74048	.31573	3.00480
7.599	3.600	19.37600	.27356	104.42000	855.07000	9999.00000	.00000	.74038	.31597	3.00670
7.587	3.800	19.38000	.27355	104.52000	855.96000	9999.00000	.00000	.74143	.31615	3.00210

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2370/ 0 RN/L = 7.56 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.582	3.944	19.38500	.27348	104.55000	856.24000	9999.00000	.00000	.73917	.31626	3.00000
	GRADIENT	.02500	.00002	-.07321	-.44821	.00012	.00000	.00366	.00032	.00363

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0A257 (LARC 20-M6-6559) DV102 LESS VERT. TAIL

(T7EOC3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 376/ O RN/L = 2.42 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.483	-2.472	19.69200	.10185	113.33000	915.72000	9999.00000	9999.00000	.28403	.12036	.98238
2.478	-2.405	19.69200	.10064	112.61000	910.08000	9999.00000	9999.00000	.28280	.12034	.98029
2.474	-2.165	19.69600	.10053	112.65000	910.44000	9999.00000	9999.00000	.28095	.12019	.97876
2.473	-1.942	19.70000	.10034	112.53000	909.51000	9999.00000	9999.00000	.27984	.12001	.97847
2.461	-1.738	19.69900	.10006	112.69000	910.85000	9999.00000	9999.00000	.27873	.11989	.97366
2.447	-1.537	19.70400	.09985	112.95000	913.00000	9999.00000	9999.00000	.27756	.11969	.96833
2.436	-1.342	19.71300	.09961	113.13000	914.54000	9999.00000	9999.00000	.27726	.11953	.96368
2.437	-1.138	19.71800	.09960	113.08000	914.14000	9999.00000	9999.00000	.27719	.11936	.96426
2.433	-.954	19.72200	.09944	113.09000	914.30000	9999.00000	9999.00000	.27633	.11920	.96255
2.425	-.772	19.72600	.09930	113.23000	915.48000	9999.00000	9999.00000	.27553	.11908	.95946
2.411	-.575	19.73000	.09917	113.58000	918.36000	9999.00000	9999.00000	.27572	.11892	.95382
2.401	-.394	19.73400	.09905	113.79000	920.06000	9999.00000	9999.00000	.27486	.11878	.95005
2.392	-.204	19.73800	.09897	114.01000	921.85000	9999.00000	9999.00000	.27516	.11866	.94660
2.394	-.017	19.74300	.09892	113.91000	921.08000	9999.00000	9999.00000	.27430	.11849	.94741
2.393	.166	19.74700	.09885	113.90000	921.04000	9999.00000	9999.00000	.27436	.11833	.94689
2.386	.345	19.75600	.09870	114.01000	921.97000	9999.00000	9999.00000	.27393	.11819	.94413
2.381	.532	19.75500	.09864	114.13000	923.03000	9999.00000	9999.00000	.27381	.11809	.94203
2.379	.718	19.76400	.09857	114.15000	923.23000	9999.00000	9999.00000	.27332	.11799	.94113
2.377	.897	19.76900	.09850	114.16000	923.31000	9999.00000	9999.00000	.27418	.11791	.94042
2.371	1.081	19.76800	.09843	114.30000	924.49000	9999.00000	9999.00000	.27442	.11777	.93804
2.376	1.268	19.77800	.09847	114.15000	923.31000	9999.00000	9999.00000	.27424	.11763	.94030
2.376	1.444	19.77600	.09829	114.02000	922.34000	9999.00000	9999.00000	.27418	.11756	.94016
2.372	1.620	19.78500	.09833	114.17000	923.59000	9999.00000	9999.00000	.27393	.11744	.93871
2.367	1.796	19.78900	.09819	114.22000	924.04000	9999.00000	9999.00000	.27350	.11740	.93671
	GRADIENT	.02475	-.00046	.38332	3.29478	.00009	.00009	-.00162	-.00077	-.00908

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC4) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 20.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 2.000

RUN NO. 1376/ 0 RN/L = 2.34 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.343	-2.237	19.69500	.09962	116.27000	943.81000	9999.00000	9999.00000	.27867	.11799	.92711
2.354	-2.073	19.69900	.09961	115.91000	940.72000	9999.00000	9999.00000	.27763	.11801	.93128
2.368	-1.881	19.70800	.09968	115.49000	937.11000	9999.00000	9999.00000	.27744	.11787	.93702
2.346	-1.706	19.70700	.09953	116.10000	941.90000	9999.00000	9999.00000	.27763	.11767	.92809
2.364	-1.496	19.71200	.09971	115.64000	937.96000	9999.00000	9999.00000	.27615	.11720	.93531
2.354	-1.274	19.72200	.09944	115.74000	938.69000	9999.00000	9999.00000	.27467	.11674	.93136
2.343	-1.019	19.72600	.09900	115.76000	938.65000	9999.00000	9999.00000	.27227	.11605	.92693
2.320	-.692	19.72400	.09764	115.45000	935.97000	9999.00000	9999.00000	.26932	.11560	.91786
2.315	-.472	19.73400	.09708	115.15000	933.42000	9999.00000	9999.00000	.26962	.11570	.91597
2.301	-.180	19.73600	.09715	115.67000	937.43000	9999.00000	9999.00000	.26858	.11576	.91042
2.307	.068	19.74600	.09710	115.43000	935.32000	9999.00000	9999.00000	.26993	.11582	.91271
2.334	.317	19.75200	.09727	114.65000	928.87000	9999.00000	9999.00000	.27141	.11576	.92350
2.323	.561	19.75300	.09728	115.00000	931.51000	9999.00000	9999.00000	.27030	.11591	.91930
2.334	.796	19.76400	.09739	114.72000	929.11000	9999.00000	9999.00000	.27147	.11607	.92354
2.354	1.034	19.77000	.09757	114.20000	924.69000	9999.00000	9999.00000	.27202	.11629	.93156
2.359	1.253	19.77500	.09762	114.08000	923.55000	9999.00000	9999.00000	.27166	.11645	.93344
2.345	1.489	19.78200	.09786	114.72000	928.59000	9999.00000	9999.00000	.27184	.11667	.92776
2.361	1.756	19.78800	.09792	114.24000	924.53000	9999.00000	9999.00000	.27159	.11682	.93404
	GRADIENT	.02102	.00020	-.49596	-4.67617	-.00004	-.00004	.00160	.00016	.00747

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC5) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 371/ O RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.502	-4.556	24.07900	.27198	104.79000	855.73000	9999.00000	.00000	.83329	.31414	2.96840
7.500	-4.400	24.08300	.27194	104.81000	855.86000	9999.00000	.00000	.83560	.31414	2.96740
7.516	-4.200	24.08900	.27222	104.73000	855.27000	9999.00000	.00000	.83211	.31430	2.97390
7.520	-4.000	24.09400	.27241	104.74000	855.38000	9999.00000	.00000	.83243	.31422	2.97560
7.530	-3.800	24.10200	.27315	104.84000	856.26000	9999.00000	.00000	.83833	.31440	2.97930
7.534	-3.600	24.10800	.27356	104.91000	856.82000	9999.00000	.00000	.83749	.31476	2.98110
7.554	-3.400	24.11500	.27388	104.80000	855.98000	9999.00000	.00000	.83998	.31513	2.98910
7.548	-3.200	24.11900	.27382	104.85000	856.36000	9999.00000	.00000	.83375	.31564	2.98670
7.550	-3.000	24.12600	.27370	104.80000	856.01000	9999.00000	.00000	.83542	.31586	2.98750
7.562	-2.800	24.13400	.27392	104.75000	855.66000	9999.00000	.00000	.82878	.31590	2.99190
7.563	-2.600	24.14000	.27405	104.78000	855.90000	9999.00000	.00000	.82744	.31576	2.99230
7.577	-2.400	24.14700	.27424	104.69000	855.21000	9999.00000	.00000	.82635	.31601	2.99820
7.581	-2.200	24.15300	.27433	104.68000	855.19000	9999.00000	.00000	.82248	.31631	2.99950
7.572	-2.000	24.16100	.27443	104.79000	856.08000	9999.00000	.00000	.82502	.31670	2.99620
7.563	-1.800	24.16400	.27418	104.81000	856.33000	9999.00000	.00000	.82054	.31663	2.99240
7.557	-1.600	24.17000	.27402	104.83000	856.46000	9999.00000	.00000	.81767	.31703	2.99010
7.551	-1.400	24.17900	.27422	104.94000	857.41000	9999.00000	.00000	.81705	.31676	2.98760
7.546	-1.200	24.18300	.27378	104.87000	856.88000	9999.00000	.00000	.81896	.31628	2.98580
7.532	-1.000	24.18500	.27347	104.93000	857.39000	9999.00000	.00000	.81892	.31619	2.98010
7.516	-.800	24.19000	.27312	104.99000	857.90000	9999.00000	.00000	.81420	.31601	2.97370
7.506	-.600	24.19600	.27250	104.92000	857.35000	9999.00000	.00000	.81551	.31547	2.97010
7.489	-.400	24.19800	.27173	104.88000	857.09000	9999.00000	.00000	.81014	.31494	2.96330
7.478	-.200	24.20500	.27154	104.94000	857.62000	9999.00000	.00000	.81289	.31443	2.95870
7.488	.000	24.21000	.27203	104.97000	857.91000	9999.00000	.00000	.81576	.31377	2.96280
7.456	.200	24.21400	.27123	105.06000	858.68000	9999.00000	.00000	.81241	.31339	2.95030
7.451	.400	24.21800	.27105	105.07000	858.73000	9999.00000	.00000	.80966	.31315	2.94830
7.450	.600	24.22500	.27110	105.10000	859.03000	9999.00000	.00000	.81149	.31293	2.94760
7.472	.800	24.23200	.27189	105.09000	859.01000	9999.00000	.00000	.81148	.31287	2.95640
7.484	1.000	24.24000	.27251	105.14000	859.45000	9999.00000	.00000	.80973	.31324	2.96110
7.509	1.200	24.25000	.27301	105.04000	858.61000	9999.00000	.00000	.80628	.31369	2.97120
7.494	1.400	24.25300	.27256	105.06000	858.83000	9999.00000	.00000	.80377	.31428	2.96530
7.519	1.600	24.25900	.27286	104.91000	857.63000	9999.00000	.00000	.80944	.31426	2.97500
7.510	1.800	24.26400	.27267	104.95000	857.97000	9999.00000	.00000	.80324	.31475	2.97140
7.508	2.000	24.27400	.27337	105.15000	859.64000	9999.00000	.00000	.80345	.31466	2.97060
7.517	2.200	24.27600	.27320	105.02000	858.62000	9999.00000	.00000	.80002	.31495	2.97430
7.526	2.400	24.28600	.27345	105.00000	858.48000	9999.00000	.00000	.80131	.31544	2.97800
7.505	2.600	24.29100	.27331	105.16000	859.83000	9999.00000	.00000	.80597	.31543	2.96970
7.499	2.800	24.29500	.27325	105.20000	860.23000	9999.00000	.00000	.80447	.31548	2.96720
7.493	3.000	24.30200	.27311	105.23000	860.49000	9999.00000	.00000	.80152	.31548	2.96460
7.502	3.200	24.30600	.27348	105.24000	860.60000	9999.00000	.00000	.80253	.31534	2.96820
7.497	3.400	24.31300	.27329	105.24000	860.60000	9999.00000	.00000	.79740	.31531	2.96640
7.500	3.600	24.31500	.27325	105.20000	860.30000	9999.00000	.00000	.79604	.31521	2.96770

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 371/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.527	3.800	24.32000	.27297	104.88000	857.73000	9999.00000	.00000	.79700	.31529	2.97830
	GRADIENT	.02429	-.00105	.18571	1.67502	.00012	.00000	-.00241	-.00219	-.01891

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2371/ 0 RN/L = 7.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.497	-4.500	24.08000	.27187	104.81000	855.91000	9999.00000	.00000	.83640	.31409	2.96640
7.508	-4.300	24.08800	.27202	104.75000	855.40000	9999.00000	.00000	.83140	.31418	2.97090
7.519	-4.100	24.09100	.27219	104.69000	854.96000	9999.00000	.00000	.83239	.31429	2.97520
7.526	-3.900	24.09900	.27283	104.80000	855.85000	9999.00000	.00000	.83385	.31429	2.97780
7.532	-3.700	24.10700	.27342	104.89000	856.62000	9999.00000	.00000	.83798	.31455	2.98040
7.543	-3.500	24.11100	.27367	104.85000	856.37000	9999.00000	.00000	.83945	.31498	2.98470
7.546	-3.300	24.11600	.27364	104.82000	856.13000	9999.00000	.00000	.83617	.31541	2.98590
7.546	-3.100	24.12000	.27377	104.86000	856.46000	9999.00000	.00000	.83740	.31573	2.98570
7.563	-2.900	24.13200	.27392	104.74000	855.58000	9999.00000	.00000	.83064	.31599	2.99230
7.558	-2.700	24.13600	.27388	104.77000	855.86000	9999.00000	.00000	.82815	.31578	2.99060
7.567	-2.500	24.14400	.27419	104.77000	855.88000	9999.00000	.00000	.82644	.31597	2.99400
7.579	-2.300	24.14900	.27427	104.68000	855.16000	9999.00000	.00000	.82375	.31610	2.99900
7.574	-2.100	24.15700	.27431	104.75000	855.71000	9999.00000	.00000	.82533	.31653	2.99680
7.568	-1.900	24.16300	.27434	104.81000	856.25000	9999.00000	.00000	.82303	.31667	2.99440
7.564	-1.700	24.16800	.27414	104.80000	856.20000	9999.00000	.00000	.81968	.31685	2.99280
7.549	-1.500	24.17200	.27401	104.90000	857.08000	9999.00000	.00000	.81693	.31702	2.98690
7.532	-1.300	24.17800	.27359	104.96000	857.56000	9999.00000	.00000	.81441	.31653	2.98010
7.543	-1.100	24.18600	.27372	104.88000	857.00000	9999.00000	.00000	.81983	.31616	2.98470
7.529	-.900	24.18700	.27348	104.95000	857.60000	9999.00000	.00000	.81684	.31612	2.97910
7.507	-.700	24.19300	.27274	104.98000	857.82000	9999.00000	.00000	.81607	.31578	2.97020
7.498	-.500	24.19700	.27205	104.88000	857.07000	9999.00000	.00000	.81161	.31522	2.96670
7.482	-.300	24.20100	.27158	104.91000	857.37000	9999.00000	.00000	.80983	.31471	2.96030
7.482	-.100	24.20500	.27171	104.94000	857.64000	9999.00000	.00000	.81482	.31414	2.96050
7.467	.100	24.21300	.27148	105.03000	858.37000	9999.00000	.00000	.81457	.31349	2.95450
7.455	.300	24.21700	.27121	105.07000	858.74000	9999.00000	.00000	.81242	.31331	2.94990
7.452	.500	24.22300	.27110	105.08000	858.85000	9999.00000	.00000	.80884	.31299	2.94840
7.449	.700	24.22800	.27113	105.11000	859.14000	9999.00000	.00000	.81272	.31295	2.94740
7.479	.900	24.23800	.27227	105.13000	859.30000	9999.00000	.00000	.81060	.31303	2.95920
7.495	1.100	24.24400	.27279	105.11000	859.19000	9999.00000	.00000	.80843	.31346	2.96570
7.498	1.300	24.25200	.27264	105.05000	858.71000	9999.00000	.00000	.80461	.31401	2.96680
7.505	1.500	24.25700	.27272	105.00000	858.36000	9999.00000	.00000	.80667	.31426	2.96960
7.522	1.700	24.26400	.27280	104.87000	857.31000	9999.00000	.00000	.80613	.31449	2.97620
7.502	1.900	24.27000	.27284	105.06000	858.96000	9999.00000	.00000	.80386	.31472	2.96830
7.501	2.100	24.27600	.27318	105.17000	859.81000	9999.00000	.00000	.80402	.31472	2.96780
7.533	2.300	24.28500	.27341	104.92000	857.84000	9999.00000	.00000	.79687	.31530	2.98080
7.513	2.500	24.28800	.27336	105.10000	859.33000	9999.00000	.00000	.80372	.31545	2.97270
7.502	2.700	24.29400	.27316	105.15000	859.78000	9999.00000	.00000	.80597	.31545	2.96850
7.502	2.900	24.30100	.27344	105.22000	860.40000	9999.00000	.00000	.80411	.31547	2.96850
7.494	3.100	24.30400	.27323	105.25000	860.65000	9999.00000	.00000	.80060	.31542	2.96510
7.505	3.300	24.31200	.27367	105.25000	860.72000	9999.00000	.00000	.80004	.31530	2.96970
7.495	3.500	24.31400	.27312	105.22000	860.46000	9999.00000	.00000	.79768	.31533	2.96540
7.511	3.700	24.31700	.27290	105.00000	858.75000	9999.00000	.00000	.79804	.31525	2.97210

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C5) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2371/0 RN/L = 7.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.521	3.853	24.31900	.27270	104.87000	857.66000	9999.00000	.00000	.79696	.31524	2.97570
GRADIENT		.02657	-.00087	.22429	1.96286	.00000	.00000	-.00090	-.00229	-.01839

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E0C6) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 377/0 RN/L = 2.30 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
2.292	-2.542	24.58600	.09939	117.69000	952.73000	9999.00000	9999.00000	.29191	.11742	.90693
2.290	-2.492	24.59300	.09938	117.77000	953.38000	9999.00000	9999.00000	.29191	.11750	.90602
2.283	-2.216	24.59600	.09936	117.97000	955.09000	9999.00000	9999.00000	.29246	.11756	.90352
2.286	-1.979	24.60900	.09947	117.95000	955.01000	9999.00000	9999.00000	.29357	.11763	.90467
2.296	-1.728	24.60900	.09950	117.64000	952.53000	9999.00000	9999.00000	.29246	.11765	.90863
2.295	-1.439	24.61900	.09965	117.83000	954.11000	9999.00000	9999.00000	.29252	.11765	.90789
2.287	-1.223	24.63100	.09963	118.06000	956.06000	9999.00000	9999.00000	.29258	.11771	.90496
2.294	-1.039	24.63100	.09971	117.89000	954.68000	9999.00000	9999.00000	.29221	.11773	.90777
2.300	-.841	24.63700	.09972	117.69000	953.10000	9999.00000	9999.00000	.29234	.11775	.91017
2.303	-.665	24.64800	.09970	117.59000	952.37000	9999.00000	9999.00000	.29314	.11781	.91107
2.301	-.474	24.64100	.09962	117.57000	952.25000	9999.00000	9999.00000	.29338	.11785	.91059
2.226	-.297	24.63000	.09452	116.02000	938.08000	9999.00000	9999.00000	.27553	.09673	.88059
2.297	-.111	24.66400	.09964	117.76000	953.87000	9999.00000	9999.00000	.29264	.11775	.90867
2.293	.059	24.66900	.09974	117.95000	955.41000	9999.00000	9999.00000	.29123	.11783	.90742
2.298	.237	24.67400	.09978	117.84000	954.56000	9999.00000	9999.00000	.29184	.11785	.90909
2.296	.410	24.68500	.09982	117.92000	955.21000	9999.00000	9999.00000	.29258	.11785	.90861
2.301	.575	24.68500	.09987	117.81000	954.36000	9999.00000	9999.00000	.29227	.11787	.91028
2.300	.741	24.69000	.09997	117.91000	955.25000	9999.00000	9999.00000	.29129	.11789	.91006
2.295	.908	24.69400	.09995	118.08000	956.63000	9999.00000	9999.00000	.29104	.11793	.90794
2.300	1.069	24.70000	.10000	117.95000	955.58000	9999.00000	9999.00000	.29080	.11797	.91000
2.306	1.233	24.69800	.09999	117.73000	953.83000	9999.00000	9999.00000	.29037	.11801	.91245
2.307	1.395	24.71000	.09998	117.69000	953.55000	9999.00000	9999.00000	.28950	.11799	.91281
2.310	1.558	24.71500	.10008	117.65000	953.30000	9999.00000	9999.00000	.28963	.11807	.91412
2.306	1.715	24.72400	.10000	117.75000	954.11000	9999.00000	9999.00000	.28870	.11805	.91231
2.320	1.868	24.72500	.10027	117.48000	952.08000	9999.00000	9999.00000	.29123	.11825	.91809
GRADIENT		.05150	.00236	.94505	8.47972	-.00004	-.00004	.00616	.00871	.01138

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DA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC7) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 2.000

RUN NO. 1377/0 RN/L = 2.29 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.285	-2.401	24.58700	.09795	116.99000	951.35000	9999.00000	9999.00000	.29080	.11587	.90420
2.276	-2.237	24.59800	.09800	117.34000	954.11000	9999.00000	9999.00000	.29067	.11585	.90046
2.283	-2.057	24.60300	.09804	117.13000	952.25000	9999.00000	9999.00000	.28877	.11591	.90321
2.283	-1.876	24.60800	.09805	117.13000	952.13000	9999.00000	9999.00000	.28963	.11595	.90317
2.272	-1.703	24.60800	.09799	117.45000	954.52000	9999.00000	9999.00000	.28920	.11599	.89897
2.284	-1.521	24.62400	.09799	117.03000	951.03000	9999.00000	9999.00000	.28938	.11605	.90362
2.283	-1.331	24.62500	.09804	117.08000	951.27000	9999.00000	9999.00000	.28864	.11601	.90346
2.279	-1.139	24.63000	.09814	117.32000	953.06000	9999.00000	9999.00000	.28741	.11609	.90161
2.291	-.945	24.64100	.09809	116.86000	949.20000	9999.00000	9999.00000	.28803	.11603	.90630
2.277	-.774	24.64100	.09815	117.35000	953.06000	9999.00000	9999.00000	.28729	.11615	.90110
2.284	-.597	24.64600	.09815	117.12000	951.03000	9999.00000	9999.00000	.28717	.11631	.90370
2.278	-.429	24.65200	.09836	117.49000	953.83000	9999.00000	9999.00000	.28649	.11661	.90133
2.283	-.270	24.66100	.09839	117.34000	952.53000	9999.00000	9999.00000	.28784	.11684	.90316
2.290	-.104	24.66100	.09850	117.18000	951.11000	9999.00000	9999.00000	.28754	.11706	.90594
2.307	.077	24.66800	.09886	116.89000	948.59000	9999.00000	9999.00000	.29086	.11742	.91266
2.299	.250	24.67900	.09912	117.34000	952.08000	9999.00000	9999.00000	.29074	.11763	.90982
2.305	.439	24.68000	.09939	117.34000	952.00000	9999.00000	9999.00000	.29123	.11807	.91212
2.317	.632	24.69300	.09979	117.24000	951.03000	9999.00000	9999.00000	.29141	.11825	.91692
2.315	.805	24.69900	.10011	117.55000	953.42000	9999.00000	9999.00000	.29184	.11847	.91615
2.319	1.002	24.70600	.10032	117.59000	953.63000	9999.00000	9999.00000	.29117	.11854	.91753
2.322	1.186	24.70500	.10032	117.46000	952.41000	9999.00000	9999.00000	.29061	.11851	.91891
2.306	1.372	24.71000	.10034	118.02000	956.79000	9999.00000	9999.00000	.28907	.11854	.91250
2.307	1.560	24.71600	.10032	117.98000	956.35000	9999.00000	9999.00000	.29006	.11843	.91274
	GRADIENT	.03381	.00119	-.01519	-.91181	-.00008	-.00008	.00494	.00164	.01076

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOCB) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 372/0 RN/L = 7.53 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.497	-4.735	29.02200	.27387	105.32000	859.68000	9999.00000	9999.00000	.85715	.31602	2.96620
7.503	-4.600	29.03300	.27395	105.28000	859.39000	9999.00000	9999.00000	.86000	.31616	2.96890
7.521	-4.400	29.03800	.27404	105.13000	858.24000	9999.00000	9999.00000	.85900	.31652	2.97600
7.524	-4.200	29.04500	.27439	105.20000	858.84000	9999.00000	9999.00000	.85215	.31671	2.97690
7.516	-4.000	29.05300	.27454	105.31000	859.79000	9999.00000	9999.00000	.85036	.31668	2.97390
7.506	-3.800	29.05700	.27422	105.32000	859.90000	9999.00000	9999.00000	.84740	.31676	2.97010
7.527	-3.600	29.06500	.27430	105.15000	858.53000	9999.00000	9999.00000	.85915	.31656	2.97830
7.531	-3.400	29.07200	.27421	105.10000	858.10000	9999.00000	9999.00000	.85435	.31657	2.97970
7.546	-3.200	29.08100	.27465	105.07000	857.94000	9999.00000	9999.00000	.85001	.31693	2.98570
7.550	-3.000	29.08900	.27480	105.07000	857.99000	9999.00000	9999.00000	.85218	.31683	2.98720
7.538	-2.800	29.09600	.27448	105.10000	858.23000	9999.00000	9999.00000	.85700	.31694	2.98270
7.547	-2.600	29.10500	.27477	105.10000	858.23000	9999.00000	9999.00000	.85195	.31690	2.98610
7.549	-2.400	29.11300	.27477	105.07000	858.08000	9999.00000	9999.00000	.85713	.31701	2.98710
7.552	-2.200	29.12200	.27522	105.17000	858.88000	9999.00000	9999.00000	.86113	.31716	2.98810
7.571	-2.000	29.13200	.27584	105.15000	858.79000	9999.00000	9999.00000	.86478	.31733	2.99550
7.574	-1.800	29.13800	.27565	105.07000	858.19000	9999.00000	9999.00000	.85175	.31793	2.99670
7.556	-1.600	29.14500	.27533	105.16000	858.95000	9999.00000	9999.00000	.86216	.31783	2.98960
7.540	-1.400	29.15300	.27528	105.30000	860.07000	9999.00000	9999.00000	.85149	.31763	2.98350
7.543	-1.200	29.15800	.27530	105.28000	859.94000	9999.00000	9999.00000	.85312	.31754	2.98460
7.544	-1.000	29.16500	.27513	105.23000	859.55000	9999.00000	9999.00000	.86414	.31750	2.98500
7.574	-.800	29.17600	.27545	105.03000	858.00000	9999.00000	9999.00000	.85713	.31778	2.99680
7.562	-.600	29.18200	.27547	105.15000	859.03000	9999.00000	9999.00000	.85817	.31816	2.99190
7.547	-.400	29.18500	.27487	105.14000	858.93000	9999.00000	9999.00000	.85918	.31805	2.98600
7.549	-.200	29.19100	.27483	105.10000	858.68000	9999.00000	9999.00000	.86016	.31771	2.98710
7.530	.000	29.19800	.27437	105.17000	859.24000	9999.00000	9999.00000	.85745	.31779	2.97950
7.517	.200	29.20500	.27436	105.29000	860.27000	9999.00000	9999.00000	.85017	.31735	2.97430
7.522	.400	29.21400	.27470	105.33000	860.63000	9999.00000	9999.00000	.84908	.31699	2.97640
7.515	.600	29.22000	.27433	105.31000	860.47000	9999.00000	9999.00000	.85435	.31689	2.97350
7.524	.800	29.22600	.27466	105.30000	860.47000	9999.00000	9999.00000	.85659	.31686	2.97720
7.525	1.000	29.23100	.27434	105.21000	859.79000	9999.00000	9999.00000	.85517	.31687	2.97750
7.537	1.200	29.24000	.27463	105.18000	859.54000	9999.00000	9999.00000	.85381	.31687	2.98220
7.533	1.400	29.24700	.27441	105.16000	859.46000	9999.00000	9999.00000	.85673	.31677	2.98050
7.525	1.600	29.25100	.27430	105.21000	859.84000	9999.00000	9999.00000	.85652	.31684	2.97750
7.524	1.800	29.26100	.27445	105.26000	860.30000	9999.00000	9999.00000	.85701	.31643	2.97700
7.520	2.000	29.26600	.27421	105.23000	860.11000	9999.00000	9999.00000	.85606	.31641	2.97560
7.528	2.200	29.27800	.27492	105.34000	861.06000	9999.00000	9999.00000	.85748	.31628	2.97860
7.524	2.400	29.28300	.27496	105.40000	861.54000	9999.00000	9999.00000	.85110	.31649	2.97690
7.518	2.600	29.28700	.27443	105.32000	860.90000	9999.00000	9999.00000	.85596	.31700	2.97470
7.523	2.800	29.29400	.27474	105.35000	861.20000	9999.00000	9999.00000	.85433	.31675	2.97660
7.535	3.000	29.30100	.27512	105.33000	861.10000	9999.00000	9999.00000	.84861	.31664	2.98160
7.550	3.200	29.31500	.27613	105.45000	862.11000	9999.00000	9999.00000	.84696	.31709	2.98750
7.525	3.400	29.31400	.27523	105.46000	862.20000	9999.00000	9999.00000	.85854	.31743	2.97750

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7EOC8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 372/0 RN/L = 7.53 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.524	3.600	29.31900	.27510	105.44000	862.07000	9999.00000	9999.00000	.85957	.31742	2.97700
	GRADIENT	.03321	-.00076	.18750	1.66250	.00012	.00012	-.00744	-.00112	-.01557

DATE 14 DEC 82

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DA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C8) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2372/ 0 RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.496	-4.700	29.02600	.27385	105.32000	859.71000	9999.00000	9999.00000	.85749	.31607	2.96600
7.519	-4.500	29.03600	.27410	105.17000	858.51000	9999.00000	9999.00000	.86213	.31626	2.97520
7.519	-4.300	29.04100	.27405	105.16000	858.50000	9999.00000	9999.00000	.85510	.31671	2.97490
7.519	-4.100	29.04800	.27450	105.27000	859.43000	9999.00000	9999.00000	.85554	.31666	2.97510
7.506	-3.900	29.05600	.27428	105.34000	859.99000	9999.00000	9999.00000	.84738	.31676	2.97010
7.516	-3.700	29.06000	.27433	105.26000	859.40000	9999.00000	9999.00000	.85126	.31668	2.97400
7.525	-3.500	29.06600	.27404	105.11000	858.17000	9999.00000	9999.00000	.85819	.31648	2.97740
7.546	-3.300	29.07800	.27460	105.05000	857.79000	9999.00000	9999.00000	.85278	.31685	2.98570
7.539	-3.100	29.08400	.27458	105.12000	858.33000	9999.00000	9999.00000	.84900	.31689	2.98290
7.555	-2.900	29.09400	.27494	105.06000	857.90000	9999.00000	9999.00000	.85448	.31692	2.98920
7.529	-2.700	29.09900	.27430	105.14000	858.55000	9999.00000	9999.00000	.85469	.31694	2.97920
7.552	-2.500	29.10900	.27479	105.05000	857.89000	9999.00000	9999.00000	.85508	.31685	2.98820
7.543	-2.300	29.11600	.27479	105.14000	858.61000	9999.00000	9999.00000	.85543	.31714	2.98460
7.562	-2.100	29.12800	.27575	105.21000	859.22000	9999.00000	9999.00000	.86604	.31713	2.99210
7.575	-1.900	29.13500	.27559	105.04000	857.93000	9999.00000	9999.00000	.85920	.31773	2.99730
7.568	-1.700	29.14200	.27557	105.11000	858.50000	9999.00000	9999.00000	.85374	.31787	2.99440
7.547	-1.500	29.14800	.27527	105.23000	859.53000	9999.00000	9999.00000	.85950	.31771	2.98600
7.541	-1.300	29.15500	.27528	105.29000	860.01000	9999.00000	9999.00000	.85012	.31756	2.98380
7.546	-1.100	29.16300	.27536	105.26000	859.85000	9999.00000	9999.00000	.86096	.31756	2.98580
7.566	-.900	29.16800	.27522	105.04000	858.06000	9999.00000	9999.00000	.85962	.31754	2.99380
7.567	-.700	29.18000	.27554	105.12000	858.77000	9999.00000	9999.00000	.86170	.31807	2.99390
7.549	-.500	29.18200	.27500	105.15000	859.01000	9999.00000	9999.00000	.85870	.31814	2.98700
7.553	-.300	29.18800	.27497	105.10000	858.67000	9999.00000	9999.00000	.85972	.31781	2.98860
7.547	-.100	29.19500	.27472	105.10000	858.68000	9999.00000	9999.00000	.85802	.31774	2.98610
7.522	.100	29.20100	.27430	105.23000	859.75000	9999.00000	9999.00000	.85630	.31757	2.97630
7.524	.300	29.21100	.27472	105.32000	860.52000	9999.00000	9999.00000	.84755	.31713	2.97700
7.513	.500	29.21700	.27432	105.32000	860.58000	9999.00000	9999.00000	.85485	.31695	2.97260
7.518	.700	29.22200	.27441	105.30000	860.42000	9999.00000	9999.00000	.85772	.31688	2.97460
7.515	.900	29.22700	.27430	105.30000	860.44000	9999.00000	9999.00000	.85824	.31690	2.97360
7.543	1.100	29.23500	.27466	105.13000	859.15000	9999.00000	9999.00000	.85589	.31681	2.98450
7.526	1.300	29.24100	.27436	105.21000	859.85000	9999.00000	9999.00000	.85225	.31683	2.97780
7.528	1.500	29.24800	.27434	105.19000	859.70000	9999.00000	9999.00000	.85694	.31687	2.97860
7.523	1.700	29.25600	.27445	105.27000	860.33000	9999.00000	9999.00000	.85856	.31663	2.97670
7.523	1.900	29.26400	.27438	105.25000	860.23000	9999.00000	9999.00000	.85430	.31637	2.97670
7.528	2.100	29.26900	.27462	105.27000	860.41000	9999.00000	9999.00000	.85593	.31628	2.97860
7.520	2.300	29.28100	.27482	105.40000	861.51000	9999.00000	9999.00000	.85009	.31640	2.97530
7.521	2.500	29.28600	.27462	105.34000	861.05000	9999.00000	9999.00000	.85205	.31671	2.97580
7.526	2.700	29.29100	.27480	105.33000	861.06000	9999.00000	9999.00000	.85657	.31687	2.97800
7.526	2.900	29.29600	.27485	105.35000	861.23000	9999.00000	9999.00000	.84961	.31673	2.97780
7.549	3.100	29.30900	.27580	105.38000	861.50000	9999.00000	9999.00000	.84599	.31676	2.98700
7.533	3.300	29.31500	.27556	105.47000	862.31000	9999.00000	9999.00000	.85152	.31740	2.98050
7.520	3.500	29.31100	.27495	105.44000	862.03000	9999.00000	9999.00000	.85979	.31733	2.97550

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OA257 (LARC 20-M6-6559) OV102 LESS VERT. TAIL

(T7E1C8) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 AILRON = .000 YP = 1.000
 1S = 1.000 ELEVON = .000
 MACH = 6.000 S-MODE = 2.000
 S-DIR = 1.000

RUN NO. 2372/ 0 RN/L = 7.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.526	3.648	29.32200	.27518	105.44000	862.07000	9999.00000	9999.00000	.85849	.31739	2.97800
	GRADIENT		.03571	-.00065	.23429	2.06715	.00000	-.00821	-.00117	-.01666

OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7EOC9) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 180.000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 59/ 0 RN/L = 2.66 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.662	.054	-.01260	.09990	106.76000	861.38000	.00000	9999.00000	.00000	.00000	1.05310
2.640	.084	-.01157	.10030	107.49000	864.38000	.00000	9999.00000	.00000	.00000	1.04450
2.658	.132	-.01042	.10008	107.00000	863.69000	.00000	9999.00000	.00000	.00000	1.05160
2.666	1.568	-.01793	.09988	106.61000	860.01000	.00000	9999.00000	.00000	.00000	1.05490
2.656	3.632	-.01222	.09974	106.77000	861.01000	.00000	9999.00000	.00000	.00000	1.05100
2.663	5.225	-.01819	.09993	106.71000	860.37000	.00000	9999.00000	.00000	.00000	1.05370
2.661	6.846	-.01115	.09993	106.75000	860.40000	.00000	9999.00000	.00000	.00000	1.05300
2.663	8.262	-.01307	.09988	106.65000	859.31000	.00000	9999.00000	.00000	.00000	1.05360
2.659	9.978	-.01094	.09992	106.76000	860.01000	.00000	9999.00000	.00000	.00000	1.05220
2.669	11.934	-.00964	.10008	106.62000	858.54000	.00000	9999.00000	.00000	.00000	1.05600
2.654	13.598	-.01022	.10003	106.95000	860.97000	.00000	9999.00000	.00000	.00000	1.05030
2.654	15.031	-.01020	.10012	107.03000	861.38000	.00000	9999.00000	.00000	.00000	1.05000
	GRADIENT		-.00095	-.00005	-.07350	-.53424	.00000	.00000	.00000	.00062

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OA257 (LARC 20-M6-6559) OV102 W/(FSB)

(T7EOC9) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 180.000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 TS = .000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 61/ O RN/L = 4.50 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.529	.033	.08422	.16660	105.62000	858.49000	.00000	9999.00000	.00000	.00000	1.79220
4.427	.232	-.01116	.16323	105.80000	859.93000	.00000	9999.00000	.00000	.00000	1.75170
4.507	2.160	.08560	.16647	105.92000	860.93000	.00000	9999.00000	.00000	.00000	1.78330
4.498	4.080	.08868	.16669	106.16000	862.88000	.00000	9999.00000	.00000	.00000	1.77960
4.486	5.881	.09108	.16640	106.22000	863.36000	.00000	9999.00000	.00000	.00000	1.77500
4.491	7.440	.08171	.16636	106.12000	862.55000	.00000	9999.00000	.00000	.00000	1.77710
4.467	9.337	.08888	.16563	106.20000	863.20000	.00000	9999.00000	.00000	.00000	1.76730
4.462	11.458	.08894	.16527	106.11000	862.51000	.00000	9999.00000	.00000	.00000	1.76560
4.485	13.106	.08830	.16555	105.87000	860.52000	.00000	9999.00000	.00000	.00000	1.77470
4.549	14.611	.08408	.16632	105.21000	855.14000	.00000	9999.00000	.00000	.00000	1.79980
GRADIENT		.00966	.00028	.09531	.77587	.00000	.00000	.00000	.00000	.00059

RUN NO. 63/ O RN/L = 7.44 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.666	.170	-.00932	.27036	102.90000	840.47000	.00000	9999.00000	.00000	.00000	3.03320
7.652	.190	-.00684	.27418	103.99000	849.63000	.00000	9999.00000	.00000	.00000	3.02790
7.290	.229	-.00985	.26839	106.03000	868.92000	.00000	9999.00000	.00000	.00000	2.88430
7.380	2.479	-.01088	.27408	106.62000	873.51000	.00000	9999.00000	.00000	.00000	2.92010
7.279	4.447	-.00838	.26763	105.90000	867.30000	.00000	9999.00000	.00000	.00000	2.88030
7.443	6.330	-.00941	.27377	105.92000	867.22000	.00000	9999.00000	.00000	.00000	2.94500
7.482	8.374	-.01321	.27601	106.11000	868.52000	.00000	9999.00000	.00000	.00000	2.96050
7.482	10.180	-.00403	.27477	105.78000	865.56000	.00000	9999.00000	.00000	.00000	2.96060
7.463	12.011	-.00484	.27361	105.65000	864.18000	.00000	9999.00000	.00000	.00000	2.95310
7.450	14.373	-.00939	.27209	105.37000	861.62000	.00000	9999.00000	.00000	.00000	2.94770
GRADIENT		-.00009	-.00047	.47773	4.27014	.00000	.00000	.00000	.00000	-.02468

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OA257 (LARC 20-M6-6559) OV102

(T7EOD1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 168/ 0 RN/L = 2.28 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.283	-5.113	.08016	.10012	118.48000	956.83000	87.75000	9999.00000	.11973	.11897	.90327
2.284	-4.537	.09089	.10000	118.33000	955.53000	86.95400	9999.00000	.11846	.11885	.90377
2.288	-4.104	.09103	.10005	118.24000	954.64000	85.98200	9999.00000	.11697	.11885	.90522
2.288	-3.626	.09653	.10010	118.27000	954.76000	85.05400	9999.00000	.11545	.11895	.90523
2.281	-3.014	.09658	.09999	118.43000	955.86000	83.94900	9999.00000	.11418	.11909	.90237
2.273	-2.571	.09662	.10015	118.80000	958.74000	83.02000	9999.00000	.11315	.11909	.89948
2.277	-2.137	.10197	.10019	118.68000	957.69000	82.49000	9999.00000	.11193	.11915	.90112
2.284	-1.529	.08674	.10027	118.50000	956.06000	81.69500	9999.00000	.11082	.11913	.90388
2.274	-1.034	.09211	.10021	118.80000	958.42000	81.03200	9999.00000	.11002	.11917	.89981
2.274	-.515	.09714	.10022	118.81000	958.33000	80.41300	9999.00000	.10955	.11944	.89971
2.294	-.130	.09698	.10033	118.30000	956.35000	94.54500	9999.00000	.11111	.11921	.90774
2.301	-.098	.09758	.10027	117.82000	947.99000	73.07600	34.97300	.11215	.10334	.91033
2.276	-.057	.08687	.10056	119.01000	959.63000	78.99800	9999.00000	.10918	.11992	.90046
2.287	.392	.09216	.10095	118.92000	958.82000	78.42400	9999.00000	.10873	.12008	.90477
2.283	.813	.09218	.10108	119.14000	960.49000	77.80500	9999.00000	.10842	.12016	.90341
2.275	1.433	.08685	.10109	119.42000	962.52000	77.05400	9999.00000	.10822	.12039	.90028
2.288	1.930	.08669	.10122	119.07000	959.59000	76.43500	9999.00000	.10811	.12049	.90521
2.279	2.466	.08689	.10109	119.26000	960.97000	75.90500	9999.00000	.10824	.12047	.90186
2.269	2.864	.08678	.10109	119.62000	963.73000	75.46300	9999.00000	.10830	.12043	.89769
2.268	3.361	.08643	.10104	119.59000	963.33000	75.10900	9999.00000	.10865	.12051	.89756
2.277	4.003	.08596	.10094	119.21000	960.00000	74.62300	9999.00000	.10861	.12031	.90086
	GRADIENT	-.00171	-.00001	.11397	.60560	-1.05843	.00000	.00001	.00008	-.00153

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OA257 (LARC 20-M6-6559) DV102

(T7EOD1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 270.000
 SPDBRK = 86.600 AIRRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 160/0 RN/L = 4.50 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.444	-5.095	.00973	.16735	107.11000	866.73000	93.27700	9999.00000	.17776	.19266	1.75840
4.441	-4.665	.01044	.16754	107.24000	867.67000	92.47400	9999.00000	.17407	.19308	1.75710
4.453	-4.120	.01036	.16766	107.09000	866.29000	91.54400	9999.00000	.17241	.19379	1.76190
4.497	-3.535	.01030	.16879	106.87000	864.34000	90.49000	9999.00000	.17050	.19498	1.77920
4.532	-2.836	.01019	.17012	106.85000	864.05000	89.34100	9999.00000	.16908	.19612	1.79330
4.524	-2.129	.01013	.17008	106.96000	864.79000	88.41300	9999.00000	.16754	.19665	1.79010
4.545	-1.476	.01005	.17024	106.70000	862.51000	87.35200	9999.00000	.16644	.19630	1.79820
4.553	-1.000	.01018	.17015	106.52000	860.93000	85.98200	9999.00000	.16557	.19653	1.80140
4.563	-.627	.01014	.17026	106.40000	859.76000	84.92100	9999.00000	.16533	.19630	1.80550
4.555	-.180	.01026	.16999	106.41000	859.72000	83.99300	9999.00000	.16477	.19653	1.80230
4.335	-.163	.01060	.16452	107.51000	866.73000	71.13100	6.68930	.16200	.16804	1.71530
4.540	-.014	.01007	.16976	106.54000	860.65000	83.15300	9999.00000	.16416	.19618	1.79640
4.547	.513	.01043	.16976	106.43000	859.60000	82.09200	9999.00000	.16428	.19713	1.79900
4.590	1.124	.01016	.17133	106.41000	859.27000	80.94300	9999.00000	.16422	.19749	1.81600
4.541	1.661	.01019	.17065	106.87000	862.84000	79.70600	9999.00000	.16342	.19653	1.79680
4.514	2.292	.01020	.16982	106.95000	863.32000	78.38000	9999.00000	.16262	.19588	1.78590
4.487	2.793	.01035	.16887	106.97000	863.32000	77.31900	9999.00000	.16219	.19504	1.77530
4.482	3.423	.01050	.16834	106.81000	861.86000	76.17000	9999.00000	.16188	.19528	1.77350
4.496	4.025	.01079	.16913	106.91000	862.51000	75.19700	9999.00000	.16354	.19737	1.77900
	GRADIENT	.00012	-.00059	.14269	.87535	-2.00389	-.00024	-.00049	-.00031	-.01014

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OA257 (LARC 20-M6-6559) OV102

(T7EOD1) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 164/ 0 RN/L = 7.53 GRADIENT INTERVAL = .00/ 6.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.634	-4.944	.10192	.27371	104.12000	852.20000	118.25000	9999.00000	.26806	.31895	3.02050
7.614	-4.638	.10219	.27307	104.13000	852.24000	117.41000	9999.00000	.26793	.31949	3.01280
7.589	-4.301	.10324	.27359	104.49000	855.10000	116.48000	9999.00000	.26609	.31818	3.00290
7.559	-4.030	.10387	.27245	104.47000	854.94000	115.51000	9999.00000	.26547	.31895	2.99080
7.570	-3.649	.10927	.27351	104.64000	856.25000	114.45000	9999.00000	.26461	.31877	2.99510
7.567	-3.349	.09872	.27366	104.71000	856.70000	113.35000	9999.00000	.26436	.31937	2.99390
7.582	-3.002	.10412	.27440	104.75000	856.94000	112.25000	9999.00000	.26442	.32003	3.00020
7.602	-2.695	.10402	.27552	104.85000	857.72000	111.28000	9999.00000	.26405	.32020	3.00780
7.578	-2.400	.10375	.27498	104.93000	858.29000	110.27000	9999.00000	.26344	.32014	2.99840
7.584	-2.076	.10366	.27508	104.89000	857.92000	109.29000	9999.00000	.26369	.32068	3.00090
7.569	-1.743	.10358	.27482	104.96000	858.45000	108.20000	9999.00000	.26307	.31985	2.99480
7.576	-1.442	.10347	.27521	104.99000	858.62000	107.27000	9999.00000	.26295	.32032	2.99770
7.573	-1.117	.10387	.27533	105.04000	858.94000	106.00000	9999.00000	.26264	.32056	2.99650
7.584	-.787	.09871	.27529	104.93000	857.92000	104.94000	9999.00000	.26239	.32080	3.00090
7.559	-.384	.09880	.27526	105.15000	859.68000	104.01000	9999.00000	.26215	.32062	2.99090
7.280	-.081	.10466	.27310	107.18000	874.61000	76.61200	9999.00000	.26018	.28629	2.88070
7.567	-.062	.10368	.27251	104.45000	855.39000	126.16000	9999.00000	.26159	.28736	2.99390
7.543	.067	.09905	.27491	105.20000	860.01000	102.79000	9999.00000	.26196	.32044	2.98470
7.544	.501	.09900	.27492	105.19000	859.84000	101.60000	9999.00000	.26159	.32044	2.98510
7.551	.822	.09907	.27516	105.18000	859.68000	100.46000	9999.00000	.26147	.32062	2.98790
7.550	1.135	.09852	.27475	105.09000	858.86000	99.49000	9999.00000	.26135	.32080	2.98720
7.548	1.670	.10386	.27491	105.14000	859.19000	97.92600	9999.00000	.26085	.32032	2.98660
7.519	1.912	.09869	.27435	105.27000	860.17000	96.70000	9999.00000	.26073	.31985	2.97490
7.513	2.233	.09883	.27494	105.47000	861.70000	95.34800	9999.00000	.26129	.32086	2.97280
7.517	2.474	.09876	.27578	105.65000	863.08000	93.91100	9999.00000	.26190	.32181	2.97410
7.492	2.976	.09893	.27557	105.82000	864.38000	92.22100	9999.00000	.26159	.32175	2.96450
7.457	3.325	.09896	.27563	106.16000	867.10000	90.35700	9999.00000	.26135	.32187	2.95060
7.409	3.615	.09909	.27586	106.68000	871.20000	88.50100	9999.00000	.26122	.32134	2.93160
7.392	4.026	.10417	.27524	106.68000	871.12000	86.07000	9999.00000	.26135	.32187	2.92470
	GRADIENT	.00047	.00022	.41180	3.11399	-4.17071	.00000	-.00007	.00041	-.01533

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OA257 (LARC 20-M6-6559) OV102

(T7EOD2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 169/0 RN/L = 2.29 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.300	-4.994	-.09223	.10064	118.26000	953.99000	75.06500	9999.00000	.12106	.11391	.90987
2.297	-4.901	-.09221	.10023	118.03000	952.17000	75.46300	9999.00000	.12127	.11693	.90887
2.296	-3.984	-.08659	.10020	118.05000	952.45000	75.81600	9999.00000	.12026	.11865	.90837
2.291	-3.594	-.08396	.10006	118.09000	952.86000	76.17000	9999.00000	.11807	.11952	.90667
2.296	-3.350	-.08273	.10012	117.99000	952.08000	76.70000	9999.00000	.11682	.12000	.90855
2.282	-3.202	-.08360	.09983	118.24000	954.20000	77.05400	9999.00000	.11598	.12000	.90302
2.295	-2.874	-.08009	.09969	117.68000	949.81000	77.54000	9999.00000	.11522	.11996	.90814
2.283	-2.508	-.07656	.09937	117.87000	951.44000	77.98200	9999.00000	.11426	.11958	.90316
2.272	-2.397	-.07919	.09916	118.06000	953.06000	78.33500	9999.00000	.11356	.11933	.89912
2.278	-2.063	-.07195	.09903	117.77000	950.79000	78.77700	9999.00000	.11264	.11899	.90138
2.270	-1.687	-.07679	.09882	117.89000	951.88000	79.26400	9999.00000	.11184	.11865	.89816
2.274	-1.254	-.07865	.09888	117.81000	951.35000	79.75000	9999.00000	.11111	.11851	.89968
2.284	-.925	-.07137	.09889	117.48000	948.76000	80.28000	9999.00000	.11045	.11838	.90364
2.272	-.544	-.07512	.09876	117.79000	951.39000	81.03200	9999.00000	.10992	.11830	.89885
2.274	-.104	-.07939	.09878	117.72000	950.91000	81.65000	9999.00000	.10959	.11820	.89993
2.364	.134	-.08037	.10299	117.90000	950.83000	74.00400	41.66600	.11543	.10574	.93522
2.343	.177	-.08011	.10177	117.80000	953.38000	96.27800	9999.00000	.11068	.12089	.92712
2.275	.245	-.08079	.09879	117.72000	951.03000	82.31300	9999.00000	.10885	.11810	.90001
2.344	.288	-.07644	.10182	117.81000	953.59000	98.05300	9999.00000	.11061	.11177	.92760
2.279	.446	-.07083	.09873	117.54000	949.61000	82.88800	9999.00000	.10832	.11802	.90162
2.266	.610	-.07733	.09868	117.94000	952.98000	83.50700	9999.00000	.10811	.11796	.89663
2.264	.912	-.07736	.09864	117.97000	953.34000	84.12500	9999.00000	.10795	.11800	.89598
2.278	1.102	-.07924	.09869	117.54000	949.93000	84.47900	9999.00000	.10744	.11794	.90138
2.276	1.404	-.07868	.09864	117.59000	950.38000	85.18600	9999.00000	.10713	.11794	.90043
2.268	1.674	-.07740	.09855	117.79000	952.13000	85.80500	9999.00000	.10705	.11790	.89734
2.271	2.024	-.07155	.09858	117.70000	951.48000	86.33500	9999.00000	.10666	.11782	.89874
2.266	2.426	-.07911	.09854	117.86000	952.90000	87.17500	9999.00000	.10625	.11774	.89658
2.265	2.612	-.08098	.09889	118.16000	955.37000	88.01500	9999.00000	.10607	.11782	.89639
2.309	3.159	-.08189	.10007	117.59000	950.87000	88.81000	9999.00000	.10602	.11812	.91373
2.327	3.488	-.08490	.10105	117.75000	952.29000	89.73900	9999.00000	.10643	.11891	.92081
2.330	3.849	-.07548	.10126	117.83000	953.02000	90.82600	9999.00000	.10668	.11972	.92192
2.328	4.046	-.08822	.10152	118.10000	955.33000	91.50200	9999.00000	.10674	.12016	.92106
2.332	4.323	-.08828	.10163	118.06000	955.05000	92.39000	9999.00000	.10672	.12039	.92266
2.332	4.558	-.09074	.10172	118.13000	955.70000	92.93900	9999.00000	.10670	.12053	.92263
2.338	5.009	-.09261	.10179	117.98000	954.60000	93.82700	9999.00000	.10666	.12069	.92509
	GRADIENT	.00091	.00160	-.11924	-.02438	7.92877	-662.52185	-.00036	-.00266	.01648

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OA257 (LARC 20-M6-6559) OV102

(T7EOD2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 161/ O RN/L = 4.44 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.376	-4.907	-.11481	.16447	106.95000	864.79000	75.19700	9999.00000	.17075	.18044	1.73140
4.379	-4.604	-.12094	.16436	106.85000	864.10000	75.86000	9999.00000	.17265	.18718	1.73260
4.411	-4.270	-.11586	.16449	106.39000	860.40000	76.08100	9999.00000	.17167	.18914	1.74540
4.452	-3.105	-.11967	.16573	106.27000	859.60000	76.78900	9999.00000	.16816	.19153	1.76160
4.425	-2.245	-.11411	.16491	106.36000	860.42000	77.40700	9999.00000	.16668	.19171	1.75080
4.413	-1.698	-.11628	.16510	106.63000	862.72000	78.11400	9999.00000	.16496	.19117	1.74620
4.426	-1.592	-.12087	.16564	106.67000	863.16000	78.91000	9999.00000	.16453	.19165	1.75120
4.446	-1.454	-.11711	.16620	106.59000	862.59000	79.79400	9999.00000	.16465	.19177	1.75920
4.447	-1.102	-.11733	.16641	106.67000	863.36000	80.45700	9999.00000	.16422	.19206	1.75950
4.477	-.741	-.11671	.16704	106.47000	861.82000	81.60600	9999.00000	.16410	.19206	1.77140
4.471	-.470	-.11563	.16736	106.71000	863.93000	82.79900	9999.00000	.16367	.19296	1.76900
4.489	-.298	-.11623	.16765	106.55000	862.72000	83.68300	9999.00000	.16354	.19308	1.77610
4.312	.010	-.10976	.16483	108.15000	874.24000	73.51800	50.45400	.17862	.16632	1.70610
4.369	.048	-.11116	.16257	106.36000	862.72000	96.44700	9999.00000	.16053	.17174	1.72870
4.372	.063	-.11691	.16272	106.37000	862.67000	94.63000	9999.00000	.16006	.18056	1.72980
4.501	.096	-.11235	.16771	106.39000	861.54000	84.43500	9999.00000	.16354	.19326	1.78080
4.507	.447	-.11794	.16787	106.37000	861.54000	85.71700	9999.00000	.16299	.19349	1.78320
4.517	.815	-.11901	.16799	106.27000	860.81000	86.46800	9999.00000	.16287	.19379	1.78710
4.513	1.208	-.11774	.16788	106.29000	861.05000	87.39600	9999.00000	.16231	.19391	1.78560
4.509	1.378	-.11780	.16786	106.35000	861.62000	88.10300	9999.00000	.16182	.19385	1.78400
4.470	1.704	-.10884	.16631	106.31000	861.42000	88.94300	9999.00000	.16176	.19338	1.76860
4.433	2.140	-.12106	.16476	106.24000	860.89000	89.42900	9999.00000	.15991	.19195	1.75400
4.425	2.763	-.11939	.16457	106.29000	861.46000	90.18100	9999.00000	.36377	.19069	1.75070
4.417	3.366	-.11656	.16439	106.34000	861.90000	90.86800	9999.00000	.15887	.18992	1.74780
4.412	3.746	-.12310	.16414	106.32000	861.90000	91.50200	9999.00000	.15831	.18950	1.74560
4.411	4.275	-.11915	.16388	106.23000	861.25000	92.13600	9999.00000	.15799	.18974	1.74520
4.398	4.740	-.12780	.16346	106.26000	861.58000	92.60100	9999.00000	.15727	.18914	1.74010
	GRADIENT	-.00040	-.00102	-.30457	-.1.79697	5.39781	-477.74784	-.00075	-.00520	-.00252

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0A257 (LARC 20-M6-6559) OV102

(T7EOD2) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = .000 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 165/0 RN/L = 7.64 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.598	-4.571	-.18907	.27561	104.76000	853.84000	79.48500	9999.00000	.26726	.32116	3.00640
7.625	-4.309	-.18530	.27610	104.64000	852.98000	80.85500	9999.00000	.26695	.32259	3.01700
7.616	-3.444	-.17618	.27613	104.74000	853.88000	82.66700	9999.00000	.26602	.32342	3.01340
7.620	-2.917	-.18299	.27604	104.68000	853.51000	83.99300	9999.00000	.26566	.32342	3.01510
7.625	-2.528	-.18203	.27647	104.75000	854.16000	85.09800	9999.00000	.26492	.32354	3.01700
7.671	-1.837	-.18090	.27721	104.52000	852.45000	86.55600	9999.00000	.26522	.32396	3.03520
7.668	-1.428	-.17441	.27657	104.39000	851.51000	87.57300	9999.00000	.26498	.32444	3.03390
7.655	-1.143	-.17516	.27710	104.65000	853.71000	88.81000	9999.00000	.26467	.32354	3.02870
7.656	-.853	-.18424	.27656	104.51000	852.65000	90.40200	9999.00000	.26504	.32479	3.02940
7.655	-.492	-.18232	.27675	104.57000	853.30000	91.79800	9999.00000	.26442	.32354	3.02890
7.658	-.217	-.18009	.27684	104.57000	853.39000	92.93900	9999.00000	.26461	.32378	3.03020
7.683	.158	-.18812	.27673	104.25000	849.38000	74.88800	28.86300	.27427	.29076	3.04010
7.592	.415	-.18275	.27498	104.79000	856.98000	115.93000	9999.00000	.26369	.32235	3.00390
7.653	.458	-.17595	.27654	104.55000	853.51000	95.77100	9999.00000	.26393	.32295	3.02800
7.664	.926	-.17976	.27692	104.56000	853.63000	97.03800	9999.00000	.26405	.32312	3.03240
7.650	1.211	-.18308	.27602	104.46000	852.94000	98.30600	9999.00000	.26405	.32390	3.02710
7.665	1.679	-.17984	.27632	104.41000	852.65000	99.70100	9999.00000	.26369	.32295	3.03280
7.660	2.066	-.18127	.27643	104.48000	853.39000	100.97000	9999.00000	.26362	.32342	3.03090
7.644	2.496	-.17441	.27595	104.51000	853.71000	102.19000	9999.00000	.26369	.32307	3.02470
7.625	3.018	-.18053	.27522	104.51000	853.84000	103.67000	9999.00000	.26289	.32211	3.01690
7.655	3.439	-.18348	.27582	104.39000	853.02000	105.41000	9999.00000	.26295	.32229	3.02880
7.633	3.741	-.18057	.27527	104.46000	853.67000	107.22000	9999.00000	.26282	.32211	3.02030
7.617	4.313	-.18287	.27513	104.58000	854.78000	109.17000	9999.00000	.26270	.32199	3.01380
7.632	4.945	-.18881	.27584	104.62000	855.27000	111.11000	9999.00000	.26301	.32271	3.01990
	GRADIENT	.00175	-.00108	.05810	1.45022	12.01241-1383.93398		.00062	-.00561	-.01248

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OA257 (LARC 20-M6-6559) OV102

(T7EOD3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 4.500 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 170/ O RN/L = 2.31 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.329	-4.439	4.34400	.10141	117.86000	950.95000	80.01500	9999.00000	.11559	.11525	.92159
2.326	-4.342	4.34370	.10149	118.04000	952.45000	80.67800	9999.00000	.11651	.11782	.92032
2.325	-3.504	4.34330	.10153	118.11000	953.14000	81.91600	9999.00000	.11647	.12023	.91993
2.323	-2.995	4.34130	.10150	118.14000	953.51000	82.88800	9999.00000	.11543	.12083	.91935
2.321	-2.613	4.34250	.10146	118.20000	954.11000	83.68300	9999.00000	.11453	.12103	.91831
2.321	-2.125	4.34240	.10144	118.20000	954.24000	84.39100	9999.00000	.11389	.12103	.91819
2.314	-1.600	4.34190	.10117	118.21000	954.40000	85.00900	9999.00000	.11299	.12091	.91571
2.310	-1.319	4.34690	.10089	118.14000	953.91000	85.49600	9999.00000	.11158	.12059	.91407
2.317	-.995	4.34110	.10082	117.86000	951.80000	85.76100	9999.00000	.11125	.12033	.91669
2.314	-.497	4.34220	.10068	117.86000	951.88000	86.15900	9999.00000	.11074	.12016	.91543
2.318	-.116	4.34410	.10074	117.75000	951.07000	86.51200	9999.00000	.10979	.12008	.91736
2.301	.001	4.34020	.10022	118.03000	955.25000	99.78500	9999.00000	.10805	.11899	.91039
2.329	.117	4.32770	.10108	117.62000	948.68000	77.98200	9999.00000	.10848	.10392	.92134
2.304	.149	4.34710	.10042	118.00000	953.22000	87.17500	9999.00000	.10893	.11984	.91165
2.302	.457	4.34200	.10033	118.01000	953.42000	87.61700	9999.00000	.10848	.11968	.91073
2.301	.849	4.34280	.10036	118.08000	954.07000	88.01500	9999.00000	.10813	.11956	.91027
2.299	1.194	4.34170	.10039	118.16000	954.80000	88.54500	9999.00000	.10768	.11946	.90970
2.295	1.613	4.34650	.10027	118.20000	955.21000	89.20800	9999.00000	.10723	.11929	.90827
2.294	1.979	4.34280	.10039	118.35000	956.55000	89.82700	9999.00000	.10691	.11931	.90755
2.294	2.292	4.34300	.10026	118.25000	955.86000	90.74200	9999.00000	.10656	.11929	.90758
2.299	2.632	4.34230	.10028	118.11000	954.80000	91.58700	9999.00000	.10631	.11921	.90946
2.298	2.983	4.34240	.10024	118.10000	954.84000	92.39000	9999.00000	.10602	.11909	.90927
2.293	3.308	4.34990	.10025	118.28000	956.35000	93.31900	9999.00000	.10588	.11909	.90739
2.296	3.670	4.34410	.10022	118.16000	955.53000	94.03800	9999.00000	.10580	.11913	.90843
2.296	3.989	4.34700	.10025	118.18000	955.78000	94.84100	9999.00000	.10559	.11911	.90854
2.306	4.298	4.34650	.10028	117.88000	953.46000	95.60200	9999.00000	.10531	.11919	.91233
2.301	4.367	4.34770	.10018	117.96000	954.07000	95.81300	9999.00000	.10520	.11921	.91062
2.296	4.602	4.34760	.10017	118.12000	955.49000	96.57400	9999.00000	.10508	.11913	.90866
2.299	4.937	4.35230	.10019	118.05000	955.01000	97.16500	9999.00000	.10502	.11893	.90975
2.287	5.204	4.35150	.10011	118.41000	957.97000	97.75700	9999.00000	.10494	.11901	.90494
	GRADIENT	-.00218	-.00029	.14327	1.15785	-.65191	-.00008	-.00253	-.00362	-.00425

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0A257 (LARC 20-M6-6559) OV102

(T7EOD3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 4.500 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 162/ O RN/L = 4.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.494	-4.772	9.45190	.16263	104.34000	844.84000	83.10900	9999.00000	.16881	.16733	1.77800
4.432	-4.688	9.44070	.16421	106.05000	860.13000	111.66000	9999.00000	.16938	.19022	1.75350
4.441	-4.667	9.44150	.16421	105.91000	859.03000	113.44000	9999.00000	.16864	.17883	1.75710
4.528	-3.852	9.44540	.16403	104.41000	845.54000	87.30800	9999.00000	.16897	.19028	1.79170
4.514	-3.277	9.44400	.16431	104.75000	848.32000	88.01500	9999.00000	.16762	.19230	1.78610
4.525	-2.775	9.43780	.16493	104.84000	849.14000	88.89900	9999.00000	.16688	.19308	1.79040
4.540	-2.234	9.43520	.16554	104.87000	849.46000	89.82700	9999.00000	.16622	.19445	1.79630
4.557	-1.768	9.43230	.16619	104.89000	849.67000	90.95300	9999.00000	.16565	.19469	1.80300
4.566	-1.593	9.42930	.16652	104.90000	849.75000	91.88300	9999.00000	.16524	.19504	1.80650
4.581	-1.131	9.42890	.16718	104.95000	850.24000	93.10800	9999.00000	.16536	.19552	1.81250
4.583	-.876	9.43000	.16753	105.07000	851.26000	93.99600	9999.00000	.16506	.19558	1.81320
4.592	-.467	9.42620	.16782	105.04000	851.14000	94.79900	9999.00000	.16518	.19588	1.81700
4.584	-.064	9.42270	.16790	105.21000	852.53000	95.34800	9999.00000	.16475	.19546	1.81360
4.590	.350	9.42740	.16797	105.15000	852.08000	95.94000	9999.00000	.16434	.19582	1.81610
4.574	.726	9.42250	.16814	105.46000	854.65000	96.57400	9999.00000	.16344	.19582	1.80990
4.593	1.140	9.42390	.16822	105.21000	852.65000	97.41900	9999.00000	.16336	.19618	1.81730
4.557	1.575	9.42160	.16736	105.41000	854.33000	98.30600	9999.00000	.16282	.19558	1.80290
4.528	1.989	9.43200	.16617	105.35000	853.92000	99.44700	9999.00000	.16143	.19415	1.79170
4.497	2.393	9.42610	.16552	105.57000	855.72000	100.33000	9999.00000	.16055	.19320	1.77930
4.487	2.764	9.43040	.16501	105.50000	855.22000	101.26000	9999.00000	.15977	.19236	1.77550
4.471	3.265	9.43370	.16478	105.66000	856.53000	102.36000	9999.00000	.15926	.19189	1.76910
4.463	3.483	9.43160	.16470	105.75000	857.31000	103.25000	9999.00000	.15874	.19129	1.76600
4.463	3.808	9.44210	.16467	105.75000	857.35000	104.22000	9999.00000	.15852	.19117	1.76580
4.464	4.304	9.43790	.16471	105.75000	857.39000	105.24000	9999.00000	.15831	.19111	1.76630
4.454	4.912	9.44670	.16471	105.90000	858.66000	106.12000	9999.00000	.15811	.19105	1.76250
GRADIENT	.00151	.00018	.13358	1.14216	1.39790	-.00037	-.00103	-.00007	-.00107	

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OA257 (LARC 20-M6-6559) DV102

(T7E0D3) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 4.500 PHI = 270.000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 1.000

RUN NO. 166/ O RN/L = 7.54 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.525	-4.628	4.53470	.27495	105.30000	858.90000	91.37500	9999.00000	.26455	.32271	2.97730
7.505	-4.459	4.53380	.27433	105.32000	859.03000	89.51800	9999.00000	.26405	.32086	2.96950
7.542	-4.443	4.54960	.27555	105.29000	858.90000	93.15000	9999.00000	.26485	.32384	2.98420
7.552	-3.499	4.55120	.27579	105.26000	858.70000	94.63000	9999.00000	.26498	.32438	2.98830
7.574	-3.008	4.54560	.27597	105.11000	857.47000	95.81300	9999.00000	.26467	.32432	2.99700
7.539	-2.540	4.54510	.27511	105.21000	858.41000	97.29200	9999.00000	.26449	.32569	2.98310
7.539	-1.891	4.54320	.27527	105.26000	858.90000	99.36300	9999.00000	.26375	.32366	2.98290
7.568	-1.320	4.54100	.27610	105.21000	858.54000	100.97000	9999.00000	.26356	.32378	2.99440
7.548	-.775	4.54400	.27584	105.33000	859.56000	102.32000	9999.00000	.26381	.32378	2.98670
7.573	-.270	4.53840	.27667	105.31000	859.48000	103.55000	9999.00000	.26393	.32372	2.99660
7.584	.061	4.54130	.27680	105.24000	859.03000	104.77000	9999.00000	.26455	.32461	3.00090
7.447	.120	4.51670	.27291	105.50000	860.40000	84.21400	9999.00000	.25981	.28635	2.94640
7.527	.201	4.52500	.27375	105.06000	858.94000	131.99000	9999.00000	.26190	.29040	2.97840
7.552	.243	4.52830	.27516	105.19000	859.80000	129.28000	9999.00000	.26245	.32199	2.98800
7.569	.383	4.54040	.27637	105.28000	859.43000	105.87000	9999.00000	.26393	.32438	2.99470
7.591	.744	4.53910	.27700	105.24000	859.19000	107.14000	9999.00000	.26399	.32426	3.00340
7.557	.973	4.54430	.27470	104.98000	857.11000	109.17000	9999.00000	.26319	.32354	2.99000
7.528	1.211	4.53630	.27464	105.23000	859.23000	110.56000	9999.00000	.26159	.32193	2.97880
7.519	1.486	4.53860	.27443	105.26000	859.60000	112.13000	9999.00000	.26202	.32187	2.97510
7.540	1.972	4.53140	.27496	105.21000	859.19000	113.39000	9999.00000	.26227	.32271	2.98350
7.543	2.424	4.53470	.27530	105.27000	859.80000	115.08000	9999.00000	.26258	.32295	2.98460
7.571	2.935	4.54130	.27585	105.16000	858.94000	116.73000	9999.00000	.26252	.32307	2.99550
7.560	3.433	4.53500	.27543	105.15000	858.99000	118.34000	9999.00000	.26319	.32330	2.99130
7.486	3.760	4.53730	.27275	105.16000	859.11000	120.16000	9999.00000	.25962	.32146	2.96210
7.489	4.165	4.53940	.27324	105.26000	860.01000	121.68000	9999.00000	.26067	.32014	2.96340
7.496	4.598	4.54170	.27339	105.24000	859.88000	123.20000	9999.00000	.26036	.31997	2.96610
7.503	4.977	4.53560	.27355	105.22000	859.84000	124.68000	9999.00000	.26092	.32068	2.96860
7.526	5.429	4.53850	.27428	105.19000	859.68000	126.16000	9999.00000	.26129	.32140	2.97780
GRADIENT		-.00752	-.00196	-.15352	.03513	23.85953	-.00033	-.00147	-.01047	-.01244

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OA257 (LARC 20-M6-6559) OV102

(T7E425) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

BETA = .000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = .000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 1.000 S-DIR = 2.000

RUN NO. 136/ 0 RN/L = 4.39 GRADIENT INTERVAL = 23.00/ 25.00

RN/L	ALPHA	BETA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.319	.315	-.07096	.16018	106.32000	866.81000	149.70000	9999.00000	.15880	.00000	1.70910
4.344	5.232	.00047	.16089	106.20000	864.87000	151.56000	9999.00000	.20318	.00000	1.71870
4.384	9.821	.00576	.16144	105.77000	860.89000	153.46000	9999.00000	.33453	.00000	1.73450
4.469	14.440	.00109	.16384	105.40000	856.49000	161.83000	9999.00000	.42008	.00000	1.76810
4.471	19.255	.00558	.16427	105.50000	856.57000	166.39000	9999.00000	.45480	.00000	1.76910
4.463	24.279	.01043	.16435	105.63000	856.86000	166.52000	9999.00000	.48170	.00000	1.76570
4.445	24.324	.01553	.16413	105.80000	857.92000	165.21000	9999.00000	.48040	.00000	1.75870
4.413	29.280	.02185	.16382	106.15000	860.21000	160.56000	9999.00000	.48724	.00000	1.74620
4.366	34.483	.05707	.16292	106.48000	862.03000	148.09000	9999.00000	.50693	.00000	1.72740
4.320	39.292	.05894	.16286	107.13000	865.80000	127.80000	9999.00000	.54499	.00000	1.70940
GRADIENT		.11220	-.00478	3.76119	23.40298	-28.77612	3.82090	-.02868	.00000	-.15392

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0A257 (LARC 20-M6-6559) OV 102

(T7E525) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

BETA	=	.000	PHI	=	.000
SPD8RK	=	86.600	AILRDN	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

PARAMETRIC DATA

RUN NO. 229/ O RN/L = 4.59 GRADIENT INTERVAL = 23.00/ 25.00

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0A257 (LARC 20-M6-6559) OV102

(T7E625) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AILRON	=	.000
YP	=	.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 306/ O RN/L = 4.41 GRADIENT INTERVAL = 23.00/ 25.00

0A257 (LARC 20-M6-6559) OV102

(T7E445) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	ALLRON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 108/O RN/L = 4-38 GRADIENT INTERVAL = 23.00/25.00

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0A257 (LARC 20-M6-6559) OV102

(T7E545) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	1.000	IS	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO. 157/O RN/L = 4.38 GRADIENT INTERVAL = 23.00/ 25.00

OA257 (LARC 20-M6-6559) OV 102

(T7E645) (10 JUL 81)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	1076.6800	IN.	XO
LREF =	474.8100	INCHES	YMRP =	.0000	IN.	YO
BREF =	936.6800	INCHES	ZMRP =	375.0000	IN.	ZO
SCALE =	.0100					

BETA	=	.000	PHI	=	.000
SPDBRK	=	86.600	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	1.000	S-DIR	=	2.000

RUN NO = 1744.0 RUN/1 = 4.38 GRADIENT INTERVAL = 23.00/35.00

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OA257 (LARC 20-M6-6559) 0V102

(T7E458) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 118/0 RN/L = 4.39 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.407	-4.629	29.25300	.16519	106.78000	863.92000	154.00000	9999.00000	.00000	.00000	1.74370
4.406	-4.500	29.26800	.16521	106.80000	864.14000	154.98000	9999.00000	.00000	.00000	1.74330
4.406	-4.300	29.27500	.16523	106.82000	864.30000	155.74000	9999.00000	.00000	.00000	1.74320
4.411	-4.100	29.27300	.16548	106.84000	864.46000	156.58000	9999.00000	.00000	.00000	1.74540
4.408	-3.900	29.28500	.16548	106.89000	864.94000	157.35000	9999.00000	.00000	.00000	1.74400
4.408	-3.700	29.28700	.16552	106.90000	865.02000	158.15000	9999.00000	.00000	.00000	1.74430
4.406	-3.500	29.29800	.16553	106.94000	865.35000	158.97000	9999.00000	.00000	.00000	1.74350
4.404	-3.300	29.30100	.16547	106.95000	865.45000	159.82000	9999.00000	.00000	.00000	1.74250
4.412	-3.100	29.31200	.16550	106.83000	864.47000	160.63000	9999.00000	.00000	.00000	1.74590
4.407	-2.900	29.31700	.16547	106.90000	865.10000	161.46000	9999.00000	.00000	.00000	1.74370
4.404	-2.700	29.32300	.16547	106.96000	865.57000	162.31000	9999.00000	.00000	.00000	1.74240
4.396	-2.500	29.33600	.16546	107.08000	866.57000	163.09000	9999.00000	.00000	.00000	1.73930
4.398	-2.300	29.33700	.16556	107.09000	866.61000	163.95000	9999.00000	.00000	.00000	1.74030
4.401	-2.100	29.35000	.16550	107.02000	866.11000	164.72000	9999.00000	.00000	.00000	1.74130
4.399	-1.900	29.35300	.16553	107.06000	866.45000	165.46000	9999.00000	.00000	.00000	1.74070
4.395	-1.700	29.36200	.16553	107.14000	867.09000	166.11000	9999.00000	.00000	.00000	1.73880
4.389	-1.500	29.37000	.16554	107.23000	867.88000	166.79000	9999.00000	.00000	.00000	1.73650
4.388	-1.300	29.37400	.16560	107.27000	868.18000	167.47000	9999.00000	.00000	.00000	1.73630
4.394	-1.100	29.38600	.16558	107.18000	867.46000	168.12000	9999.00000	.00000	.00000	1.73840
4.395	-.900	29.38800	.16566	107.20000	867.61000	168.77000	9999.00000	.00000	.00000	1.73880
4.387	-.700	29.40300	.16564	107.31000	868.59000	169.44000	9999.00000	.00000	.00000	1.73580
4.384	-.500	29.40300	.16569	107.39000	869.19000	170.09000	9999.00000	.00000	.00000	1.73450
4.383	-.300	29.41400	.16570	107.41000	869.40000	170.77000	9999.00000	.00000	.00000	1.73410
4.385	-.100	29.42000	.16572	107.38000	869.14000	171.42000	9999.00000	.00000	.00000	1.73520
4.398	.100	29.42700	.16578	107.19000	867.65000	172.13000	9999.00000	.00000	.00000	1.74030
4.405	.300	29.43900	.16573	107.05000	866.57000	172.80000	9999.00000	.00000	.00000	1.74310
4.396	.500	29.43900	.16570	107.19000	867.69000	173.54000	9999.00000	.00000	.00000	1.73940
4.396	.700	29.45200	.16567	107.19000	867.67000	174.19000	9999.00000	.00000	.00000	1.73920
4.391	.900	29.45200	.16573	107.29000	868.55000	174.87000	9999.00000	.00000	.00000	1.73740
4.385	1.100	29.46700	.16579	107.41000	869.52000	175.55000	9999.00000	.00000	.00000	1.73520
4.390	1.300	29.47000	.16593	107.39000	869.40000	176.20000	9999.00000	.00000	.00000	1.73700
4.387	1.500	29.47800	.16587	107.42000	869.59000	176.92000	9999.00000	.00000	.00000	1.73580
4.391	1.700	29.48700	.16582	107.34000	868.99000	177.56000	9999.00000	.00000	.00000	1.73730
4.387	1.900	29.48900	.16584	107.40000	869.52000	178.32000	9999.00000	.00000	.00000	1.73590
4.383	2.100	29.50400	.16578	107.44000	869.87000	178.95000	9999.00000	.00000	.00000	1.73430
4.388	2.300	29.50200	.16576	107.36000	869.22000	179.62000	9999.00000	.00000	.00000	1.73610
4.382	2.500	29.51300	.16571	107.44000	869.85000	180.32000	9999.00000	.00000	.00000	1.73380
4.378	2.700	29.51700	.16559	107.45000	870.00000	180.93000	9999.00000	.00000	.00000	1.73210
4.390	2.900	29.52300	.16566	107.28000	868.60000	181.63000	9999.00000	.00000	.00000	1.73710
4.380	3.100	29.53500	.16556	107.40000	869.60000	182.23000	9999.00000	.00000	.00000	1.73320
4.377	3.300	29.53600	.16554	107.44000	869.94000	182.87000	9999.00000	.00000	.00000	1.73200
4.384	3.500	29.54900	.16552	107.33000	869.03000	183.49000	9999.00000	.00000	.00000	1.73460

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0A257 (LARC 20-M6-6559) OV102

(T7E458) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 118/0 RN/L = 4.39 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOR	PCEIL	RN
4.392	3.700	29.54700	.16555	107.21000	868.11000	184.15000	9999.00000	.00000	.00000	1.73770
4.382	3.846	29.54800	.16552	107.36000	869.31000	185.11000	9999.00000	.00000	.00000	1.73390
GRADIENT			.03743	.00003	-.32429	-2.49714	3.43572	.00000	.00000	.00809

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DA257 (LARC 20-M6-6559) OV102

(T7EA58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2118/ 0 RN/L = 4.39 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.407	-4.600	29.26400	.16517	106.77000	863.91000	154.44000	9999.00000	.00000	.00000	1.74360
4.405	-4.400	29.26600	.16524	106.83000	864.35000	155.37000	9999.00000	.00000	.00000	1.74310
4.408	-4.200	29.27600	.16532	106.82000	864.34000	156.18000	9999.00000	.00000	.00000	1.74410
4.410	-4.000	29.27800	.16549	106.86000	864.67000	156.99000	9999.00000	.00000	.00000	1.74490
4.408	-3.800	29.28600	.16551	106.90000	864.99000	157.77000	9999.00000	.00000	.00000	1.74420
4.407	-3.600	29.29400	.16552	106.92000	865.16000	158.53000	9999.00000	.00000	.00000	1.74390
4.406	-3.400	29.29800	.16555	106.95000	865.46000	159.42000	9999.00000	.00000	.00000	1.74330
4.408	-3.200	29.31000	.16546	106.88000	864.91000	160.16000	9999.00000	.00000	.00000	1.74410
4.411	-3.000	29.31200	.16554	106.86000	864.74000	161.06000	9999.00000	.00000	.00000	1.74550
4.405	-2.800	29.32300	.16542	106.92000	865.27000	161.87000	9999.00000	.00000	.00000	1.74280
4.402	-2.600	29.32700	.16552	107.01000	866.00000	162.69000	9999.00000	.00000	.00000	1.74160
4.395	-2.400	29.33500	.16549	107.12000	866.88000	163.54000	9999.00000	.00000	.00000	1.73880
4.399	-2.200	29.34300	.16548	107.04000	866.21000	164.34000	9999.00000	.00000	.00000	1.74070
4.401	-2.000	29.34800	.16555	107.04000	866.24000	165.10000	9999.00000	.00000	.00000	1.74140
4.395	-1.800	29.36100	.16547	107.10000	866.77000	165.79000	9999.00000	.00000	.00000	1.73900
4.393	-1.600	29.36100	.16560	107.19000	867.48000	166.47000	9999.00000	.00000	.00000	1.73830
4.386	-1.400	29.37800	.16556	107.28000	868.26000	167.11000	9999.00000	.00000	.00000	1.73560
4.393	-1.200	29.37800	.16565	107.21000	867.72000	167.81000	9999.00000	.00000	.00000	1.73830
4.394	-1.000	29.38800	.16563	107.19000	867.54000	168.45000	9999.00000	.00000	.00000	1.73870
4.391	-.800	29.39800	.16560	107.23000	867.93000	169.07000	9999.00000	.00000	.00000	1.73730
4.385	-.600	29.39900	.16573	107.37000	869.08000	169.81000	9999.00000	.00000	.00000	1.73520
4.382	-.400	29.41100	.16563	107.39000	869.22000	170.38000	9999.00000	.00000	.00000	1.73380
4.384	-.200	29.41400	.16575	107.41000	869.44000	171.12000	9999.00000	.00000	.00000	1.73450
4.390	.000	29.42800	.16571	107.29000	868.47000	171.78000	9999.00000	.00000	.00000	1.73710
4.404	.200	29.42700	.16579	107.09000	866.87000	172.44000	9999.00000	.00000	.00000	1.74270
4.401	.400	29.44000	.16576	107.14000	867.27000	173.19000	9999.00000	.00000	.00000	1.74130
4.396	.600	29.44600	.16564	107.18000	867.57000	173.84000	9999.00000	.00000	.00000	1.73920
4.394	.800	29.45000	.16574	107.24000	868.11000	174.56000	9999.00000	.00000	.00000	1.73870
4.386	1.000	29.46400	.16570	107.36000	869.14000	175.19000	9999.00000	.00000	.00000	1.73530
4.390	1.200	29.46300	.16595	107.40000	869.42000	175.94000	9999.00000	.00000	.00000	1.73710
4.387	1.400	29.48100	.16586	107.42000	869.59000	176.55000	9999.00000	.00000	.00000	1.73570
4.391	1.600	29.47900	.16588	107.36000	869.13000	177.24000	9999.00000	.00000	.00000	1.73740
4.388	1.800	29.49000	.16579	107.37000	869.25000	177.92000	9999.00000	.00000	.00000	1.73610
4.384	2.000	29.49300	.16580	107.43000	869.75000	178.59000	9999.00000	.00000	.00000	1.73480
4.385	2.200	29.50000	.16578	107.41000	869.60000	179.34000	9999.00000	.00000	.00000	1.73520
4.386	2.400	29.51100	.16571	107.37000	869.33000	179.96000	9999.00000	.00000	.00000	1.73530
4.380	2.600	29.51300	.16571	107.47000	870.14000	180.64000	9999.00000	.00000	.00000	1.73290
4.385	2.800	29.52600	.16562	107.35000	869.16000	181.28000	9999.00000	.00000	.00000	1.73500
4.387	3.000	29.52500	.16564	107.32000	868.97000	181.93000	9999.00000	.00000	.00000	1.73580
4.376	3.200	29.53900	.16554	107.46000	870.06000	182.58000	9999.00000	.00000	.00000	1.73160
4.380	3.400	29.54300	.16550	107.39000	869.52000	183.17000	9999.00000	.00000	.00000	1.73290
4.388	3.600	29.54800	.16552	107.26000	868.51000	183.85000	9999.00000	.00000	.00000	1.73620

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7EA58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2118/ O RN/L = 4.39 GRADIENT INTERVAL = -.60/ -.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.391	3.800	29.55500	.16552	107.21000	868.08000	184.52000	9999.00000	.00000	.00000	1.73750
	GRADIENT		.03786	.00001	-.24821	-1.96428	3.39822	.00012	.00000	.00629

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E558) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 139/ O RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.460	-2.675	29.27800	.16584	106.22000	859.98000	165.22000	.00000	.49417	.18987	1.76490
4.476	-2.500	29.28300	.16618	106.12000	859.13000	165.83000	.00000	.49447	.19002	1.77120
4.487	-2.300	29.29300	.16643	106.07000	858.72000	166.56000	.00000	.49436	.19020	1.77520
4.496	-2.100	29.30300	.16673	106.04000	858.56000	167.22000	.00000	.49386	.19040	1.77890
4.520	-1.900	29.30700	.16722	105.87000	857.17000	167.90000	.00000	.49728	.19052	1.78860
4.534	-1.700	29.32500	.16763	105.83000	856.89000	168.59000	.00000	.49636	.19078	1.79390
4.536	-1.500	29.33000	.16786	105.90000	857.48000	169.24000	.00000	.49342	.19115	1.79460
4.531	-1.300	29.33400	.16797	106.02000	858.39000	169.95000	.00000	.49165	.19136	1.79300
4.527	-1.100	29.34700	.16796	106.08000	858.95000	170.57000	.00000	.49240	.19154	1.79120
4.528	-.900	29.34900	.16800	106.08000	858.94000	171.20000	.00000	.49537	.19160	1.79170
4.532	-.700	29.35800	.16799	106.02000	858.44000	171.87000	.00000	.49598	.19160	1.79320
4.537	-.500	29.36800	.16787	105.89000	857.48000	172.49000	.00000	.50051	.19164	1.79500
4.542	-.300	29.36800	.16788	105.81000	856.84000	173.11000	.00000	.50075	.19168	1.79730
4.538	-.100	29.38000	.16784	105.87000	857.31000	173.72000	.00000	.49808	.19155	1.79540
4.531	.100	29.39300	.16783	105.96000	858.04000	174.28000	.00000	.49675	.19159	1.79300
4.535	.300	29.39100	.16791	105.95000	857.98000	174.94000	.00000	.49913	.19157	1.79420
4.540	.500	29.40300	.16788	105.84000	857.13000	175.53000	.00000	.50074	.19154	1.79650
4.549	.700	29.40800	.16774	105.64000	855.55000	176.14000	.00000	.50115	.19153	1.80010
4.550	.900	29.41300	.16775	105.64000	855.56000	176.76000	.00000	.49941	.19134	1.80020
4.548	1.100	29.42400	.16768	105.65000	855.58000	177.31000	.00000	.49984	.19119	1.79950
4.547	1.300	29.42800	.16773	105.68000	855.88000	177.95000	.00000	.49951	.19117	1.79920
4.544	1.500	29.43300	.16774	105.73000	856.30000	178.55000	.00000	.50193	.19119	1.79800
4.538	1.700	29.44400	.16765	105.79000	856.78000	179.13000	.00000	.50092	.19118	1.79560
4.537	1.900	29.44400	.16759	105.79000	856.79000	179.70000	.00000	.50082	.19117	1.79500
4.532	2.100	29.45400	.16749	105.82000	857.04000	180.27000	.00000	.50079	.19110	1.79330
4.532	2.300	29.46600	.16739	105.78000	856.73000	180.84000	.00000	.49916	.19109	1.79320
	GRADIENT	.03671	.00002	.03714	.34285	3.03571	.00000	-.00072	-.00011	-.00060

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) 0V102

(T7EB58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AIRLON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2139/ O RN/L = 4.53 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.467	-2.600	29.27700	.16600	106.19000	859.67000	165.53000	.00000	.49461	.18991	1.76750
4.480	-2.400	29.29300	.16625	106.08000	858.83000	166.18000	.00000	.49528	.19011	1.77280
4.492	-2.200	29.29400	.16661	106.06000	858.68000	166.87000	.00000	.49286	.19029	1.77730
4.506	-2.000	29.30700	.16695	105.98000	858.02000	167.59000	.00000	.49608	.19046	1.78300
4.530	-1.800	29.31800	.16741	105.79000	856.55000	168.24000	.00000	.49748	.19061	1.79260
4.536	-1.600	29.32100	.16782	105.88000	857.30000	168.96000	.00000	.49493	.19100	1.79460
4.534	-1.400	29.33600	.16791	105.95000	857.86000	169.63000	.00000	.49287	.19123	1.79390
4.528	-1.200	29.34000	.16797	106.07000	858.82000	170.24000	.00000	.49065	.19149	1.79170
4.528	-1.000	29.34300	.16801	106.09000	859.04000	170.93000	.00000	.49478	.19156	1.79150
4.530	-.800	29.35800	.16798	106.05000	858.69000	171.57000	.00000	.49698	.19162	1.79230
4.534	-.600	29.35900	.16790	105.95000	857.92000	172.20000	.00000	.49811	.19170	1.79390
4.541	-.400	29.36900	.16794	105.85000	857.15000	172.83000	.00000	.50195	.19163	1.79690
4.539	-.200	29.37800	.16779	105.82000	856.93000	173.41000	.00000	.49967	.19162	1.79600
4.536	.000	29.38100	.16791	105.93000	857.77000	174.02000	.00000	.49697	.19156	1.79470
4.531	.200	29.39200	.16784	105.97000	858.15000	174.65000	.00000	.49652	.19154	1.79280
4.538	.400	29.39900	.16788	105.89000	857.47000	175.20000	.00000	.50005	.19158	1.79540
4.546	.600	29.40200	.16783	105.74000	856.33000	175.88000	.00000	.50072	.19153	1.79860
4.550	.800	29.41400	.16772	105.63000	855.41000	176.44000	.00000	.49989	.19144	1.80030
4.547	1.000	29.41800	.16769	105.66000	855.72000	177.01000	.00000	.50034	.19128	1.79910
4.549	1.200	29.42200	.16774	105.65000	855.60000	177.66000	.00000	.49823	.19121	1.80010
4.545	1.400	29.43400	.16771	105.70000	856.04000	178.23000	.00000	.50138	.19115	1.79850
4.541	1.600	29.43600	.16770	105.77000	856.59000	178.80000	.00000	.50065	.19123	1.79670
4.537	1.800	29.44300	.16763	105.80000	856.90000	179.45000	.00000	.50100	.19116	1.79500
4.532	2.000	29.45400	.16749	105.81000	857.01000	179.95000	.00000	.50141	.19112	1.79320
4.533	2.200	29.45600	.16747	105.79000	856.83000	180.56000	.00000	.49972	.19110	1.79370
4.532	2.325	29.46800	.16739	105.77000	856.72000	180.91000	.00000	.49928	.19107	1.79320
	GRADIENT	.03625	-.00005	-.07143	-.51964	3.03929	.00000	.00016	-.00012	.00141

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E658) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 151/ O RN/L = 4.50 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.549	-2.992	29.31800	.16747	105.46000	852.61000	165.07000	.00000	.50110	9.98650	1.80010
4.549	-2.800	29.32400	.16762	105.53000	853.14000	165.69000	.00000	.49830	9.98750	1.80010
4.560	-2.600	29.32700	.16780	105.44000	852.48000	166.32000	.00000	.50138	9.98700	1.80430
4.564	-2.400	29.34300	.16788	105.41000	852.20000	166.94000	.00000	.50465	9.98720	1.80600
4.576	-2.200	29.34300	.16804	105.30000	851.38000	167.56000	.00000	.50463	9.98790	1.81050
4.570	-2.000	29.35400	.16803	105.39000	852.07000	168.16000	.00000	.50474	9.98660	1.80830
4.573	-1.800	29.36100	.16811	105.37000	851.97000	168.78000	.00000	.50541	9.98700	1.80940
4.564	-1.600	29.36700	.16817	105.53000	853.31000	169.37000	.00000	.50396	9.98710	1.80590
4.556	-1.400	29.37900	.16811	105.64000	854.18000	169.98000	.00000	.50514	9.98690	1.80260
4.555	-1.200	29.37900	.16808	105.65000	854.24000	170.61000	.00000	.50673	9.98660	1.80220
4.547	-1.000	29.39000	.16784	105.67000	854.43000	171.17000	.00000	.50889	9.98760	1.79920
4.538	-.800	29.39600	.16775	105.77000	855.27000	171.73000	.00000	.50815	9.98700	1.79560
4.534	-.600	29.39800	.16758	105.76000	855.22000	172.31000	.00000	.50715	9.98680	1.79400
4.525	-.400	29.41000	.16713	105.71000	854.87000	172.84000	.00000	.50438	9.98750	1.79040
4.505	-.200	29.41000	.16666	105.83000	855.80000	173.48000	.00000	.50322	9.98660	1.78250
4.481	.000	29.41400	.16588	105.87000	856.19000	174.01000	.00000	.50247	9.98700	1.77300
4.469	.200	29.41700	.16526	105.80000	855.62000	174.62000	.00000	.50179	9.98730	1.76820
4.459	.400	29.42000	.16493	105.81000	855.72000	175.15000	.00000	.49716	9.98610	1.76450
4.447	.600	29.43200	.16478	105.94000	856.80000	175.70000	.00000	.49709	9.98640	1.75970
4.445	.800	29.43300	.16463	105.91000	856.56000	176.30000	.00000	.49489	9.98580	1.75890
4.435	1.000	29.44300	.16423	105.89000	856.45000	176.80000	.00000	.49461	9.98640	1.75490
4.426	1.200	29.44400	.16380	105.85000	856.15000	177.40000	.00000	.49486	9.98650	1.75140
4.417	1.400	29.44900	.16345	105.86000	856.21000	177.94000	.00000	.49522	9.98660	1.74750
4.410	1.600	29.46200	.16314	105.83000	856.03000	178.48000	.00000	.49285	9.98630	1.74490
4.395	1.800	29.45600	.16298	106.00000	857.38000	179.08000	.00000	.49272	9.98720	1.73910
4.385	1.994	29.46700	.16279	106.08000	858.03000	179.59000	.00000	.49062	9.98710	1.73510
	GRADIENT	.02304	-.00254	.12679	1.11786	2.84464	.00000	-.00822	-.00059	-.03018

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0A257 (LARC 20-M6-6559) OV102

(T7EC58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2151/ O RN/L = 4.50 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.548	-2.900	29.32300	.16753	105.52000	853.04000	165.39000	.00000	.49979	9.98600	1.79940
4.554	-2.700	29.32300	.16774	105.50000	852.91000	166.01000	.00000	.49904	9.98770	1.80210
4.561	-2.500	29.33700	.16780	105.43000	852.37000	166.62000	.00000	.50330	9.98770	1.80460
4.573	-2.300	29.34500	.16800	105.33000	851.56000	167.26000	.00000	.50662	9.98730	1.80940
4.572	-2.100	29.34600	.16804	105.35000	851.78000	167.88000	.00000	.50374	9.98790	1.80920
4.571	-1.900	29.36100	.16805	105.37000	851.97000	168.43000	.00000	.50527	9.98710	1.80880
4.569	-1.700	29.36200	.16814	105.45000	852.59000	169.09000	.00000	.50507	9.98600	1.80790
4.560	-1.500	29.37400	.16815	105.60000	853.85000	169.64000	.00000	.50392	9.98690	1.80410
4.556	-1.300	29.38100	.16811	105.64000	854.22000	170.31000	.00000	.50626	9.98700	1.80250
4.552	-1.100	29.38300	.16797	105.65000	854.26000	170.91000	.00000	.50689	9.98750	1.80100
4.542	-.900	29.39400	.16781	105.73000	854.92000	171.46000	.00000	.50893	9.98760	1.79720
4.537	-.700	29.39500	.16770	105.77000	855.31000	172.03000	.00000	.50811	9.98720	1.79500
4.530	-.500	29.40600	.16736	105.72000	854.93000	172.57000	.00000	.50585	9.98720	1.79260
4.515	-.300	29.41000	.16690	105.77000	855.32000	173.19000	.00000	.50345	9.98600	1.78650
4.494	-.100	29.41100	.16633	105.86000	856.05000	173.72000	.00000	.50232	9.98700	1.77820
4.473	.100	29.41700	.16551	105.84000	855.92000	174.31000	.00000	.50277	9.98700	1.76990
4.464	.300	29.41600	.16507	105.81000	855.68000	174.92000	.00000	.49876	9.98750	1.76610
4.454	.500	29.42900	.16484	105.86000	856.13000	175.40000	.00000	.49793	9.98740	1.76230
4.445	.700	29.43300	.16474	105.97000	857.02000	176.02000	.00000	.49534	9.98600	1.75860
4.441	.900	29.43500	.16443	105.88000	856.37000	176.54000	.00000	.49435	9.98630	1.75730
4.431	1.100	29.44700	.16402	105.88000	856.33000	177.09000	.00000	.49447	9.98600	1.75320
4.419	1.300	29.44500	.16360	105.89000	856.43000	177.70000	.00000	.49492	9.98700	1.74840
4.416	1.500	29.45500	.16327	105.78000	855.62000	178.19000	.00000	.49318	9.98690	1.74740
4.402	1.700	29.45900	.16307	105.93000	856.84000	178.78000	.00000	.49340	9.98630	1.74160
4.389	1.900	29.46200	.16286	106.05000	857.80000	179.36000	.00000	.49135	9.98710	1.73660
GRADIENT	.01986	-.00270	.11429	.99285	2.84714	.00000	-.00760	.00079	-.03157	

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E758) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 175/ 0 RN/L = 4.38 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.487	-4.447	29.16500	.16493	105.50000	855.93000	165.05000	.00000	.49559	.19247	1.77540
4.480	-4.300	29.18500	.16492	105.60000	856.77000	165.98000	.00000	.49939	.19201	1.77280
4.469	-4.100	29.17800	.16487	105.76000	858.05000	166.64000	.00000	.49950	.19166	1.76830
4.457	-3.900	29.18600	.16467	105.87000	858.93000	167.21000	.00000	.49902	.19145	1.76350
4.449	-3.700	29.19900	.16461	105.98000	859.83000	167.88000	.00000	.49698	.19126	1.76020
4.445	-3.500	29.19700	.16469	106.07000	860.59000	168.51000	.00000	.49775	.19106	1.75880
4.435	-3.300	29.20600	.16461	106.19000	861.55000	169.11000	.00000	.49384	.19082	1.75490
4.430	-3.100	29.21800	.16450	106.22000	861.82000	169.68000	.00000	.49676	.19067	1.75300
4.420	-2.900	29.21700	.16448	106.38000	863.13000	170.31000	.00000	.49730	.19059	1.74880
4.411	-2.700	29.22500	.16440	106.48000	864.02000	170.89000	.00000	.49317	.19045	1.74530
4.407	-2.500	29.23900	.16439	106.55000	864.58000	171.49000	.00000	.49269	.19037	1.74360
4.403	-2.300	29.24100	.16448	106.65000	865.42000	172.14000	.00000	.49287	.19031	1.74210
4.400	-2.100	29.24800	.16447	106.69000	865.73000	172.66000	.00000	.49619	.19011	1.74100
4.397	-1.900	29.26000	.16443	106.73000	866.04000	173.26000	.00000	.49460	.18993	1.73970
4.392	-1.700	29.26000	.16438	106.79000	866.51000	173.91000	.00000	.49457	.18979	1.73790
4.392	-1.500	29.26800	.16430	106.75000	866.25000	174.51000	.00000	.49578	.18970	1.73780
4.385	-1.300	29.28000	.16412	106.79000	866.60000	175.11000	.00000	.49633	.18952	1.73500
4.373	-1.100	29.27900	.16406	106.96000	867.99000	175.75000	.00000	.49391	.18931	1.73010
4.365	-.900	29.28700	.16400	107.06000	868.75000	176.24000	.00000	.49391	.18938	1.72730
4.359	-.700	29.30100	.16386	107.10000	869.15000	176.88000	.00000	.49538	.18933	1.72470
4.358	-.500	29.29900	.16392	107.14000	869.41000	177.50000	.00000	.49331	.18920	1.72450
4.353	-.300	29.30800	.16382	107.19000	869.88000	178.03000	.00000	.49163	.18913	1.72220
4.351	-.100	29.32100	.16377	107.20000	869.93000	178.63000	.00000	.49208	.18904	1.72160
4.358	.100	29.32200	.16381	107.10000	869.15000	179.26000	.00000	.49432	.18892	1.72430
4.357	.300	29.33200	.16381	107.11000	869.27000	179.79000	.00000	.49199	.18874	1.72400
4.364	.500	29.34500	.16377	106.99000	868.28000	180.35000	.00000	.49259	.18864	1.72660
4.372	.700	29.34200	.16386	106.90000	867.53000	180.94000	.00000	.49387	.18874	1.72980
4.366	.900	29.35000	.16378	106.96000	868.05000	181.45000	.00000	.49704	.18884	1.72750
4.360	1.100	29.36400	.16379	107.05000	868.81000	182.03000	.00000	.49361	.18869	1.72530
4.358	1.300	29.36400	.16384	107.11000	869.31000	182.63000	.00000	.49495	.18862	1.72440
4.356	1.500	29.37000	.16379	107.12000	869.42000	183.11000	.00000	.49187	.18868	1.72360
4.357	1.700	29.38400	.16376	107.10000	869.25000	183.69000	.00000	.49286	.18860	1.72380
4.366	1.900	29.38300	.16369	106.92000	867.81000	184.25000	.00000	.49452	.18851	1.72750
4.364	2.100	29.39000	.16352	106.87000	867.43000	184.75000	.00000	.49342	.18869	1.72680
4.357	2.300	29.40300	.16341	106.94000	868.00000	185.31000	.00000	.49174	.18849	1.72400
4.352	2.500	29.39900	.16336	107.01000	868.59000	185.89000	.00000	.49391	.18831	1.72180
4.353	2.700	29.41000	.16329	106.96000	868.18000	186.33000	.00000	.49261	.18815	1.72230
4.346	2.900	29.42300	.16318	107.02000	868.63000	186.90000	.00000	.49065	.18797	1.71980
4.351	3.100	29.42300	.16311	106.91000	867.79000	187.42000	.00000	.49077	.18790	1.72160
4.346	3.300	29.43000	.16288	106.89000	867.60000	187.96000	.00000	.48905	.18783	1.71980
4.341	3.500	29.44000	.16282	106.96000	868.17000	188.54000	.00000	.49071	.18764	1.71760
4.338	3.700	29.44300	.16270	106.94000	868.08000	189.53000	.00000	.48787	.18752	1.71660

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E758) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 175/0 RN/L = 4.38 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.345	3.896	29.44600	.16265	106.82000	867.06000	190.20000	.00000	.48659	.18730	1.71920
	GRADIENT	.04329	-.00011	-.15571	-1.18001	2.88000	.00000	-.00004	-.00058	.00266

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7ED58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2175/ 0 RN/L = 4.38 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.484	-4.400	29.17800	.16487	105.53000	856.18000	165.56000	.00000	.49751	.19228	1.77410
4.475	-4.200	29.18100	.16492	105.68000	857.42000	166.33000	.00000	.50055	.19184	1.77080
4.464	-4.000	29.18100	.16481	105.81000	858.48000	166.92000	.00000	.49886	.19153	1.76630
4.452	-3.800	29.19200	.16463	105.93000	859.46000	167.54000	.00000	.49859	.19138	1.76150
4.447	-3.600	29.19800	.16466	106.02000	860.16000	168.21000	.00000	.49756	.19117	1.75970
4.441	-3.400	29.20000	.16466	106.12000	860.98000	168.81000	.00000	.49613	.19096	1.75720
4.430	-3.200	29.21400	.16453	106.23000	861.91000	169.38000	.00000	.49507	.19074	1.75300
4.426	-3.000	29.21600	.16452	106.29000	862.44000	170.00000	.00000	.49834	.19064	1.75140
4.415	-2.800	29.22200	.16445	106.44000	863.63000	170.62000	.00000	.49501	.19052	1.74710
4.409	-2.600	29.23500	.16438	106.50000	864.18000	171.20000	.00000	.49346	.19040	1.74470
4.404	-2.400	29.24000	.16443	106.62000	865.13000	171.84000	.00000	.49215	.19033	1.74240
4.402	-2.200	29.24200	.16450	106.67000	865.56000	172.41000	.00000	.49483	.19022	1.74180
4.399	-2.000	29.25700	.16444	106.70000	865.81000	172.94000	.00000	.49588	.18999	1.74050
4.394	-1.800	29.26200	.16442	106.77000	866.36000	173.59000	.00000	.49410	.18984	1.73870
4.393	-1.600	29.26200	.16438	106.77000	866.40000	174.20000	.00000	.49494	.18975	1.73820
4.391	-1.400	29.27700	.16421	106.74000	866.13000	174.80000	.00000	.49742	.18960	1.73730
4.378	-1.200	29.28100	.16406	106.88000	867.33000	175.43000	.00000	.49455	.18943	1.73210
4.369	-1.000	29.28300	.16404	107.01000	868.36000	175.99000	.00000	.49376	.18928	1.72890
4.361	-.800	29.29700	.16390	107.08000	868.97000	176.56000	.00000	.49563	.18938	1.72560
4.358	-.600	29.29900	.16388	107.12000	869.30000	177.19000	.00000	.49366	.18926	1.72450
4.356	-.400	29.30200	.16388	107.16000	869.63000	177.78000	.00000	.49229	.18915	1.72350
4.351	-.200	29.31800	.16380	107.21000	870.06000	178.35000	.00000	.49212	.18905	1.72140
4.354	0.000	29.32200	.16377	107.15000	869.57000	178.98000	.00000	.49334	.18901	1.72270
4.358	.200	29.32400	.16382	107.10000	869.19000	179.52000	.00000	.49301	.18882	1.72430
4.359	.400	29.33800	.16379	107.07000	868.96000	180.08000	.00000	.49303	.18874	1.72470
4.371	.600	29.34200	.16386	106.91000	867.64000	180.67000	.00000	.49175	.18863	1.72940
4.370	.800	29.34300	.16383	106.92000	867.70000	181.21000	.00000	.49610	.18883	1.72900
4.362	1.000	29.36000	.16376	107.01000	868.51000	181.74000	.00000	.49466	.18877	1.72590
4.359	1.200	29.36200	.16380	107.07000	869.00000	182.35000	.00000	.49450	.18864	1.72490
4.359	1.400	29.36800	.16388	107.12000	869.38000	182.87000	.00000	.49420	.18870	1.72460
4.357	1.600	29.38100	.16379	107.12000	869.39000	183.40000	.00000	.49176	.18863	1.72380
4.359	1.800	29.38400	.16372	107.05000	868.84000	183.98000	.00000	.49404	.18855	1.72470
4.368	2.000	29.38500	.16366	106.87000	867.41000	184.50000	.00000	.49343	.18864	1.72840
4.359	2.200	29.39900	.16342	106.91000	867.73000	185.02000	.00000	.49121	.18858	1.72490
4.355	2.400	29.40200	.16341	106.98000	868.32000	185.59000	.00000	.49286	.18840	1.72310
4.352	2.600	29.40300	.16331	106.98000	868.35000	186.11000	.00000	.49302	.18824	1.72200
4.352	2.800	29.42000	.16327	106.97000	868.28000	186.59000	.00000	.49265	.18806	1.72180
4.347	3.000	29.41900	.16319	107.02000	868.62000	187.18000	.00000	.48998	.18793	1.72000
4.351	3.200	29.42300	.16302	106.88000	867.49000	187.69000	.00000	.49034	.18789	1.72150
4.343	3.400	29.43900	.16283	106.92000	867.89000	188.23000	.00000	.49030	.18772	1.71850
4.340	3.600	29.43300	.16276	106.95000	868.15000	189.20000	.00000	.48709	.18755	1.71710
4.340	3.800	29.45200	.16267	106.91000	867.79000	189.75000	.00000	.48751	.18744	1.71720
	GRADIENT	.03696	-.00004	-.16429	-.1.28392	2.89465	.00000	-.00060	-.00052	.00357

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E858) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 231/ O RN/L = 4.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.507	-4.792	29.28600	.16515	105.23000	852.68000	166.28000	9999.00000	.50388	.19598	1.78330
4.492	-4.600	29.29200	.16475	105.30000	853.25000	167.21000	9999.00000	.50225	.19522	1.77740
4.507	-4.400	29.29300	.16465	105.02000	851.03000	167.82000	9999.00000	.49853	.19472	1.78340
4.494	-4.200	29.29200	.16456	105.18000	852.37000	168.46000	9999.00000	.49865	.19439	1.77830
4.500	-4.000	29.29600	.16457	105.10000	851.75000	169.12000	9999.00000	.50096	.19421	1.78050
4.512	-3.800	29.30400	.16459	104.93000	850.38000	169.80000	9999.00000	.49950	.19396	1.78510
4.502	-3.600	29.31400	.16460	105.08000	851.64000	170.45000	9999.00000	.49696	.19378	1.78140
4.490	-3.400	29.32600	.16462	105.29000	853.35000	171.07000	9999.00000	.49665	.19361	1.77640
4.488	-3.200	29.33400	.16471	105.35000	853.89000	171.71000	9999.00000	.49827	.19348	1.77580
4.498	-3.000	29.34400	.16479	105.24000	852.97000	172.32000	9999.00000	.49693	.19341	1.77960
4.497	-2.800	29.35200	.16486	105.28000	853.37000	172.94000	9999.00000	.49772	.19321	1.77930
4.515	-2.600	29.35900	.16505	105.07000	851.73000	173.53000	9999.00000	.49856	.19313	1.78660
4.533	-2.400	29.36200	.16512	104.84000	849.83000	174.14000	9999.00000	.49808	.19314	1.79350
4.521	-2.200	29.36700	.16526	105.07000	851.78000	174.76000	9999.00000	.49564	.19335	1.78900
4.519	-2.000	29.37500	.16541	105.19000	852.72000	175.39000	9999.00000	.49456	.19347	1.78790
4.523	-1.800	29.38300	.16546	105.14000	852.37000	175.98000	9999.00000	.49405	.19348	1.78950
4.529	-1.600	29.39100	.16554	105.08000	851.88000	176.55000	9999.00000	.49521	.19348	1.79210
4.531	-1.400	29.40300	.16569	105.11000	852.22000	177.10000	9999.00000	.49783	.19348	1.79280
4.524	-1.200	29.41300	.16582	105.27000	853.53000	177.67000	9999.00000	.49918	.19363	1.79020
4.525	-1.000	29.42100	.16581	105.25000	853.40000	178.22000	9999.00000	.50021	.19393	1.79060
4.525	-.800	29.42800	.16585	105.28000	853.65000	178.77000	9999.00000	.49815	.19400	1.79040
4.528	-.600	29.43400	.16592	105.26000	853.50000	179.36000	9999.00000	.49934	.19407	1.79180
4.541	-.400	29.43300	.16599	105.09000	852.14000	179.93000	9999.00000	.49859	.19408	1.79690
4.546	-.200	29.44100	.16617	105.08000	852.16000	180.55000	9999.00000	.49945	.19408	1.79890
4.541	.000	29.45400	.16624	105.19000	853.08000	181.11000	9999.00000	.49515	.19415	1.79690
4.539	.200	29.46100	.16635	105.28000	853.78000	181.65000	9999.00000	.49721	.19430	1.79610
4.546	.400	29.46800	.16641	105.19000	853.12000	182.20000	9999.00000	.50012	.19444	1.79880
4.551	.600	29.47800	.16639	105.12000	852.54000	182.72000	9999.00000	.49831	.19461	1.80060
4.559	.800	29.48800	.16631	104.97000	851.35000	183.24000	9999.00000	.49774	.19461	1.80370
4.545	1.000	29.49400	.16591	105.01000	851.73000	183.78000	9999.00000	.49946	.19449	1.79830
4.535	1.200	29.49700	.16537	104.93000	851.10000	184.28000	9999.00000	.50107	.19426	1.79450
4.531	1.400	29.49900	.16485	104.78000	849.89000	184.82000	9999.00000	.50018	.19404	1.79280
4.520	1.600	29.50000	.16458	104.83000	850.38000	185.35000	9999.00000	.49834	.19377	1.78850
4.518	1.800	29.50600	.16439	104.79000	850.05000	185.91000	9999.00000	.49594	.19346	1.78750
4.514	2.000	29.51100	.16446	104.89000	850.90000	186.41000	9999.00000	.49695	.19302	1.78590
4.507	2.200	29.52200	.16450	105.00000	851.87000	186.93000	9999.00000	.49446	.19284	1.78330
4.514	2.400	29.52900	.16437	104.84000	850.56000	187.45000	9999.00000	.49277	.19276	1.78620
4.536	2.600	29.53900	.16437	104.51000	847.88000	187.93000	9999.00000	.49234	.19266	1.79470
4.520	2.800	29.54800	.16434	104.75000	849.86000	188.38000	9999.00000	.49262	.19252	1.78830
4.513	3.000	29.55700	.16447	104.90000	851.16000	188.89000	9999.00000	.49168	.19251	1.78580
4.512	3.200	29.56300	.16452	104.94000	851.48000	189.32000	9999.00000	.49098	.19253	1.78540.
4.502	3.400	29.56500	.16457	105.13000	853.05000	189.95000	9999.00000	.49011	.19251	1.78120

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E858) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 231/ 0 RN/L = 4.52 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
4.507	3.577	29.56300	.16464	105.08000	852.70000	190.56000	9999.00000	.49135	.19243	1.78320
	GRADIENT	.03964	.00043	-.00357	.12500	2.80714	.00012	-.00041	.00046	.00489

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7EE58) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2231/ O RN/L = 4.52 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.491	-4.700	29.29200	.16480	105.34000	853.59000	166.87000	9999.00000	.50201	.19549	1.77680
4.499	-4.500	29.29400	.16471	105.17000	852.19000	167.49000	9999.00000	.50148	.19494	1.78030
4.501	-4.300	29.29300	.16458	105.10000	851.65000	168.13000	9999.00000	.49731	.19454	1.78080
4.495	-4.100	29.29200	.16455	105.17000	852.28000	168.79000	9999.00000	.49995	.19433	1.77860
4.506	-3.900	29.30000	.16460	105.02000	851.07000	169.45000	9999.00000	.49991	.19410	1.78300
4.508	-3.700	29.31100	.16460	104.99000	850.86000	170.12000	9999.00000	.49807	.19387	1.78380
4.494	-3.500	29.31700	.16459	105.21000	852.71000	170.76000	9999.00000	.49605	.19368	1.77810
4.489	-3.300	29.33000	.16464	105.30000	853.46000	171.36000	9999.00000	.49827	.19352	1.77630
4.494	-3.100	29.33800	.16478	105.28000	853.35000	172.01000	9999.00000	.49668	.19345	1.77830
4.494	-2.900	29.35000	.16480	105.30000	853.47000	172.63000	9999.00000	.49784	.19332	1.77830
4.507	-2.700	29.35700	.16494	105.16000	852.38000	173.22000	9999.00000	.49907	.19317	1.78330
4.526	-2.500	29.36100	.16508	104.93000	850.59000	173.83000	9999.00000	.49851	.19312	1.79070
4.529	-2.300	29.36400	.16516	104.92000	850.51000	174.44000	9999.00000	.49696	.19326	1.79190
4.519	-2.100	29.37100	.16536	105.15000	852.42000	175.08000	9999.00000	.49533	.19342	1.78820
4.518	-1.900	29.37800	.16542	105.20000	852.85000	175.71000	9999.00000	.49429	.19348	1.78760
4.526	-1.700	29.38600	.16548	105.09000	852.02000	176.26000	9999.00000	.49413	.19348	1.79090
4.530	-1.500	29.39700	.16561	105.10000	852.07000	176.83000	9999.00000	.49506	.19348	1.79230
4.529	-1.300	29.40700	.16579	105.19000	852.84000	177.39000	9999.00000	.50073	.19350	1.79190
4.524	-1.100	29.41800	.16578	105.27000	853.53000	177.94000	9999.00000	.50060	.19377	1.78990
4.526	-.900	29.42500	.16583	105.25000	853.38000	178.50000	9999.00000	.49850	.19395	1.79090
4.524	-.700	29.43100	.16590	105.32000	853.98000	179.08000	9999.00000	.49796	.19405	1.78990
4.535	-.500	29.43400	.16592	105.16000	852.72000	179.63000	9999.00000	.50019	.19408	1.79420
4.543	-.300	29.44000	.16605	105.08000	852.11000	180.24000	9999.00000	.49909	.19408	1.79770
4.546	-.100	29.44600	.16620	105.10000	852.32000	180.83000	9999.00000	.49664	.19408	1.79890
4.539	.100	29.45500	.16631	105.26000	853.60000	181.36000	9999.00000	.49595	.19422	1.79610
4.543	.300	29.46400	.16643	105.25000	853.58000	181.93000	9999.00000	.49888	.19432	1.79750
4.546	.500	29.47600	.16636	105.18000	853.05000	182.48000	9999.00000	.49962	.19455	1.79860
4.560	.700	29.48200	.16641	104.99000	851.56000	182.99000	9999.00000	.49811	.19462	1.80410
4.551	.900	29.48900	.16610	104.99000	851.52000	183.50000	9999.00000	.49925	.19457	1.80090
4.539	1.100	29.49600	.16563	104.98000	851.52000	184.05000	9999.00000	.50006	.19436	1.79590
4.536	1.300	29.49500	.16513	104.82000	850.26000	184.54000	9999.00000	.50072	.19412	1.79460
4.523	1.500	29.49800	.16466	104.81000	850.22000	185.09000	9999.00000	.49975	.19392	1.78980
4.520	1.700	29.50300	.16450	104.80000	850.15000	185.61000	9999.00000	.49824	.19362	1.78840
4.516	1.900	29.50800	.16441	104.83000	850.43000	186.12000	9999.00000	.49584	.19323	1.78670
4.510	2.100	29.51500	.16448	104.95000	851.41000	186.68000	9999.00000	.49703	.19289	1.78450
4.507	2.300	29.52300	.16445	104.98000	851.72000	187.17000	9999.00000	.49308	.19281	1.78330
4.526	2.500	29.53200	.16438	104.66000	849.14000	187.69000	9999.00000	.49248	.19272	1.79080
4.531	2.700	29.54500	.16433	104.56000	848.38000	188.16000	9999.00000	.49323	.19253	1.79290
4.513	2.900	29.55400	.16441	104.88000	850.96000	188.67000	9999.00000	.49211	.19250	1.78570
4.514	3.100	29.56000	.16450	104.91000	851.23000	189.16000	9999.00000	.49043	.19253	1.78590
4.506	3.300	29.56300	.16461	105.07000	852.55000	189.66000	9999.00000	.49064	.19246	1.78310
4.506	3.500	29.56500	.16461	105.08000	852.69000	190.16000	9999.00000	.49141	.19248	1.78280
	GRADIENT	.04157	.00049	.11000	1.04857	2.83572	.00000	-.00060	.00046	.00266

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OA257 (LARC 20-M6-6559) OV102

(T7E958) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHT = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 301/ O RN/L = 4.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
4.527	-4.650	29.13400	.16590	105.22000	852.17000	9999.00000	167.00000	.50347	.19397	1.79120
4.529	-4.500	29.14900	.16573	105.12000	851.34000	9999.00000	168.00000	.50467	.19350	1.79210
4.518	-4.300	29.14900	.16546	105.18000	851.91000	9999.00000	168.00000	.50472	.19335	1.78750
4.509	-4.100	29.15400	.16525	105.22000	852.23000	9999.00000	169.00000	.50375	.19288	1.78420
4.497	-3.900	29.15400	.16499	105.30000	852.90000	9999.00000	170.00000	.50214	.19243	1.77940
4.483	-3.700	29.16000	.16472	105.41000	853.80000	9999.00000	170.00000	.50076	.19220	1.77380
4.481	-3.500	29.16600	.16459	105.39000	853.66000	9999.00000	171.00000	.50063	.19218	1.77290
4.499	-3.300	29.17200	.16455	105.09000	851.20000	9999.00000	171.00000	.50307	.19187	1.78010
4.496	-3.100	29.17900	.16459	105.15000	851.72000	9999.00000	172.00000	.50103	.19177	1.77910
4.485	-2.900	29.18600	.16458	105.32000	853.11000	9999.00000	172.00000	.50078	.19150	1.77460
4.475	-2.700	29.19600	.16447	105.43000	854.05000	9999.00000	172.00000	.50003	.19136	1.77060
4.481	-2.500	29.19800	.16432	105.28000	852.79000	9999.00000	172.00000	.49853	.19126	1.77300
4.494	-2.300	29.20500	.16426	105.04000	850.90000	9999.00000	172.00000	.49596	.19121	1.77830
4.486	-2.100	29.21400	.16430	105.19000	852.09000	9999.00000	173.00000	.49468	.19101	1.77510
4.479	-1.900	29.22100	.16432	105.31000	853.13000	9999.00000	173.00000	.49559	.19089	1.77220
4.476	-1.700	29.22600	.16426	105.33000	853.32000	9999.00000	173.00000	.49568	.19090	1.77100
4.469	-1.500	29.23700	.16426	105.44000	854.18000	9999.00000	173.00000	.49737	.19080	1.76830
4.472	-1.300	29.24400	.16425	105.39000	853.81000	9999.00000	173.00000	.50113	.19063	1.76940
4.471	-1.100	29.24900	.16419	105.38000	853.73000	9999.00000	173.00000	.49579	.19058	1.76910
4.476	-.900	29.25200	.16408	105.26000	852.79000	9999.00000	173.00000	.49505	.19051	1.77090
4.467	-.700	29.26400	.16400	105.36000	853.63000	9999.00000	174.00000	.49660	.19034	1.76750
4.463	-.500	29.27000	.16406	105.46000	854.41000	9999.00000	174.00000	.49469	.19000	1.76580
4.467	-.300	29.27500	.16412	105.41000	854.07000	9999.00000	174.00000	.49599	.18978	1.76750
4.467	-.100	29.28200	.16407	105.39000	853.90000	9999.00000	174.00000	.49547	.18960	1.76760
4.466	.100	29.29100	.16404	105.39000	853.95000	9999.00000	175.00000	.49826	.18948	1.76720
4.467	.300	29.29800	.16395	105.35000	853.60000	9999.00000	175.00000	.49565	.18954	1.76740
4.477	.500	29.30000	.16387	105.15000	851.98000	9999.00000	176.00000	.49317	.18953	1.77160
4.459	.700	29.31100	.16380	105.40000	854.08000	9999.00000	177.00000	.49580	.18969	1.76440
4.453	.900	29.31900	.16381	105.51000	854.95000	9999.00000	178.00000	.49716	.18957	1.76180
4.456	1.100	29.32100	.16381	105.46000	854.58000	9999.00000	179.00000	.49784	.18943	1.76310
4.470	1.300	29.33000	.16379	105.23000	852.73000	9999.00000	180.00000	.49854	.18941	1.76870
4.463	1.500	29.33700	.16370	105.31000	853.34000	9999.00000	180.00000	.49671	.18942	1.76590
4.457	1.700	29.34300	.16361	105.36000	853.80000	9999.00000	180.00000	.49592	.18928	1.76360
4.456	1.900	29.34800	.16358	105.37000	853.89000	9999.00000	180.00000	.49623	.18906	1.76300
4.443	2.100	29.35500	.16350	105.54000	855.26000	9999.00000	180.00000	.49447	.18892	1.75790
4.443	2.300	29.36500	.16347	105.53000	855.19000	9999.00000	180.00000	.49562	.18892	1.75790
4.445	2.500	29.37100	.16342	105.47000	854.76000	9999.00000	180.00000	.49395	.18882	1.75880
4.441	2.700	29.37700	.16337	105.52000	855.18000	9999.00000	180.00000	.49347	.18868	1.75710
4.434	2.900	29.38100	.16336	105.62000	856.01000	9999.00000	180.00000	.49135	.18853	1.75440
	GRADIENT	.03257	-.00021	-.24714	-1.93000	.00000	2.00000	-.00083	-.00046	.00404

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OA257 (LARC 20-M6-6559) OV102

(T7EF5B) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = 86.600 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2301/ 0 RN/L = 4.47 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
4.530	-4.600	29.14100	.16582	105.14000	851.50000	9999.00000	-167.00000	.50330	.19369	1.79250
4.524	-4.400	29.14700	.16559	105.14000	851.55000	9999.00000	168.00000	.50567	.19345	1.79000
4.513	-4.200	29.15100	.16533	105.21000	852.12000	9999.00000	169.00000	.50354	.19311	1.78550
4.506	-4.000	29.15500	.16515	105.23000	852.34000	9999.00000	169.00000	.50349	.19266	1.78290
4.488	-3.800	29.15600	.16484	105.38000	853.57000	9999.00000	170.00000	.49773	.19229	1.77570
4.481	-3.600	29.16300	.16465	105.40000	853.73000	9999.00000	171.00000	.50045	.19218	1.77320
4.488	-3.400	29.16900	.16451	105.25000	852.54000	9999.00000	171.00000	.50258	.19210	1.77560
4.503	-3.200	29.17400	.16460	105.05000	850.87000	9999.00000	172.00000	.50133	.19186	1.78170
4.490	-3.000	29.18200	.16457	105.24000	852.48000	9999.00000	172.00000	.50115	.19163	1.77640
4.479	-2.800	29.19000	.16455	105.40000	853.76000	9999.00000	172.00000	.50044	.19141	1.77230
4.476	-2.600	29.19800	.16439	105.38000	853.60000	9999.00000	172.00000	.50025	.19130	1.77120
4.488	-2.400	29.20200	.16428	105.14000	851.73000	9999.00000	172.00000	.49713	.19123	1.77580
4.490	-2.200	29.21000	.16425	105.10000	851.39000	9999.00000	173.00000	.49468	.19115	1.77670
4.481	-2.000	29.21700	.16433	105.28000	852.87000	9999.00000	173.00000	.49513	.19094	1.77300
4.480	-1.800	29.22300	.16426	105.26000	852.73000	9999.00000	173.00000	.49551	.19087	1.77270
4.472	-1.600	29.23200	.16428	105.40000	853.83000	9999.00000	173.00000	.49655	.19086	1.76960
4.464	-1.400	29.23900	.16415	105.47000	854.47000	9999.00000	173.00000	.50011	.19073	1.76630
4.475	-1.200	29.24800	.16426	105.34000	853.43000	9999.00000	173.00000	.49826	.19057	1.77070
4.475	-1.000	29.25200	.16414	105.30000	853.08000	9999.00000	173.00000	.49461	.19058	1.77060
4.472	-.800	29.25800	.16405	105.31000	853.17000	9999.00000	173.00000	.49620	.19047	1.76940
4.465	-.600	29.26800	.16403	105.41000	854.06000	9999.00000	174.00000	.49541	.19017	1.76650
4.463	-.400	29.27500	.16408	105.47000	854.53000	9999.00000	174.00000	.49524	.18988	1.76570
4.469	-.200	29.27900	.16411	105.38000	853.81000	9999.00000	174.00000	.49696	.18968	1.76830
4.469	.000	29.28700	.16407	105.36000	853.68000	9999.00000	175.00000	.49620	.18948	1.76840
4.465	.200	29.29400	.16400	105.41000	854.06000	9999.00000	175.00000	.49809	.18951	1.76650
4.477	.400	29.30000	.16391	105.18000	852.20000	9999.00000	176.00000	.49429	.18953	1.77130
4.469	.600	29.30400	.16386	105.28000	853.03000	9999.00000	177.00000	.49387	.18973	1.76830
4.454	.800	29.31400	.16378	105.48000	854.69000	9999.00000	178.00000	.49663	.18962	1.76240
4.452	1.000	29.32100	.16382	105.53000	855.09000	9999.00000	179.00000	.49755	.18952	1.76160
4.466	1.200	29.32600	.16382	105.31000	853.34000	9999.00000	180.00000	.49760	.18941	1.76710
4.468	1.400	29.33400	.16373	105.24000	852.79000	9999.00000	180.00000	.49787	.18944	1.76790
4.461	1.600	29.34000	.16366	105.32000	853.47000	9999.00000	180.00000	.49562	.18935	1.76510
4.456	1.800	29.34800	.16358	105.37000	853.90000	9999.00000	180.00000	.49691	.18918	1.76300
4.448	2.000	29.35100	.16354	105.47000	854.72000	9999.00000	180.00000	.49570	.18899	1.76010
4.440	2.200	29.36000	.16343	105.56000	855.44000	9999.00000	180.00000	.49459	.18889	1.75670
4.446	2.400	29.36700	.16344	105.46000	854.66000	9999.00000	180.00000	.49368	.18886	1.75920
4.444	2.600	29.37400	.16341	105.48000	854.85000	9999.00000	180.00000	.49407	.18874	1.75840
4.436	2.800	29.38000	.16331	105.56000	855.53000	9999.00000	180.00000	.49171	.18859	1.75540
4.433	2.974	29.38600	.16333	105.63000	856.08000	9999.00000	180.00000	.49188	.18849	1.75390
	GRADIENT	.03089	-.00017	-.16786	-.1.33927	.00012	2.50000	-.00096	-.00039	.00264

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OA257 (LARC 20-M6-6559) OV102

(T7E471) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000, S-DIR = 1.000

RUN NO. 237/0 RN/L = 2.24 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.231	-4.668	24.38600	.09582	117.26000	956.17000	111.04000	9999.00000	.29038	.11726	.88278
2.224	-4.500	24.39800	.09579	117.50000	958.17000	111.32000	9999.00000	.29126	.11716	.87987
2.226	-4.300	24.39900	.09581	117.43000	957.59000	111.48000	9999.00000	.29142	.11712	.88089
2.228	-4.100	24.40200	.09577	117.35000	956.99000	111.65000	9999.00000	.29103	.11710	.88141
2.224	-3.900	24.40800	.09579	117.50000	958.28000	111.85000	9999.00000	.29079	.11704	.87987
2.221	-3.700	24.41000	.09581	117.61000	959.17000	112.05000	9999.00000	.29068	.11702	.87893
2.222	-3.500	24.41400	.09576	117.53000	958.59000	112.24000	9999.00000	.29107	.11700	.87932
2.233	-3.300	24.41700	.09575	117.15000	955.47000	112.46000	9999.00000	.29026	.11695	.88357
2.236	-3.100	24.42100	.09574	117.04000	954.62000	112.65000	9999.00000	.28955	.11695	.88473
2.238	-2.900	24.42400	.09572	116.96000	953.99000	112.87000	9999.00000	.28893	.11694	.88547
2.232	-2.700	24.43200	.09570	117.15000	955.62000	113.07000	9999.00000	.28874	.11685	.88310
2.225	-2.500	24.43800	.09569	117.38000	957.49000	113.30000	9999.00000	.28826	.11677	.88054
2.232	-2.300	24.44200	.09568	117.12000	955.45000	113.46000	9999.00000	.28886	.11671	.88332
2.243	-2.100	24.45100	.09563	116.71000	952.09000	113.71000	9999.00000	.28883	.11666	.88758
2.236	-1.900	24.45600	.09564	116.98000	954.37000	113.90000	9999.00000	.28906	.11662	.88454
2.230	-1.700	24.46500	.09561	117.15000	955.78000	114.12000	9999.00000	.28776	.11656	.88236
2.226	-1.500	24.47100	.09562	117.29000	956.98000	114.31000	9999.00000	.28783	.11652	.88087
2.223	-1.300	24.47800	.09560	117.40000	957.85000	114.54000	9999.00000	.28645	.11649	.87961
2.222	-1.100	24.48700	.09559	117.42000	958.07000	114.77000	9999.00000	.28585	.11645	.87925
2.227	-.900	24.49300	.09563	117.29000	957.03000	115.07000	9999.00000	.28551	.11645	.88111
2.228	-.700	24.50000	.09563	117.23000	956.63000	115.43000	9999.00000	.28512	.11641	.88176
2.230	-.500	24.50600	.09563	117.17000	956.15000	115.84000	9999.00000	.28348	.11639	.88247
2.235	-.300	24.51200	.09563	117.01000	954.83000	116.22000	9999.00000	.28387	.11637	.88436
2.232	-.100	24.51800	.09563	117.12000	955.81000	116.67000	9999.00000	.28376	.11636	.88306
2.239	-.100	24.52200	.09563	116.89000	953.96000	117.09000	9999.00000	.28374	.11634	.88572
2.239	.300	24.52600	.09562	116.85000	953.70000	117.45000	9999.00000	.28452	.11631	.88605
2.246	.500	24.53000	.09567	116.67000	952.23000	117.75000	9999.00000	.28395	.11629	.88859
2.243	.700	24.53800	.09565	116.77000	953.07000	118.03000	9999.00000	.28277	.11629	.88731
2.238	.900	24.54200	.09565	116.93000	954.40000	118.26000	9999.00000	.28236	.11630	.88547
2.241	1.100	24.54500	.09564	116.81000	953.47000	118.47000	9999.00000	.28207	.11629	.88681
2.249	1.300	24.55300	.09570	116.59000	951.70000	118.62000	9999.00000	.28168	.11628	.88991
2.248	1.500	24.55800	.09568	116.62000	951.99000	118.79000	9999.00000	.28131	.11622	.88939
2.248	1.700	24.56400	.09569	116.63000	952.10000	118.98000	9999.00000	.28166	.11618	.88933
2.246	1.900	24.57000	.09565	116.65000	952.26000	119.15000	9999.00000	.28233	.11616	.88885
2.255	2.100	24.58000	.09567	116.37000	950.07000	119.32000	9999.00000	.28178	.11615	.89211
2.254	2.300	24.58700	.09572	116.45000	950.73000	119.48000	9999.00000	.28118	.11610	.89171
2.253	2.500	24.59200	.09570	116.46000	950.89000	119.67000	9999.00000	.28192	.11607	.89145
2.253	2.700	24.60000	.09569	116.47000	950.95000	119.82000	9999.00000	.28188	.11606	.89130
2.247	2.900	24.60800	.09572	116.69000	952.83000	120.02000	9999.00000	.28078	.11606	.88897
2.248	3.100	24.61500	.09576	116.69000	952.86000	120.19000	9999.00000	.28013	.11609	.88938
2.246	3.300	24.62300	.09575	116.74000	953.29000	120.42000	9999.00000	.27947	.11615	.88879
2.248	3.500	24.62900	.09572	116.65000	952.57000	120.59000	9999.00000	.27893	.11618	.88959

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OA257 (LARC 20-M6-6559) OV102

(T7E471) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 237/0 RN/L = 2.24 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
2.265	3.648	24.62700	.09587	116.19000	948.84000	120.92000	9999.00000	.27760	.11615	.89635
	GRADIENT	.02371	.00002	-.45857	-3.54857	1.95143	.00000	.00061	-.00010	.00548

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OA257, (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E471) (10 JUL '81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 239/ O RN/L = 7.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.355	-4.679	24.12000	.27178	106.28000	871.05000	162.15000	9999.00000	.82270	.31718	2.91020
7.372	-4.500	24.13100	.27221	106.23000	870.68000	163.45000	9999.00000	.82237	.31733	2.91680
7.366	-4.300	24.13400	.27232	106.31000	871.37000	164.58000	9999.00000	.82609	.31722	2.91470
7.359	-4.100	24.14200	.27229	106.38000	871.96000	165.68000	9999.00000	.82198	.31729	2.91170
7.327	-3.900	24.14200	.27132	106.44000	872.44000	166.82000	9999.00000	.82435	.31732	2.89920
7.314	-3.700	24.14700	.27097	106.47000	872.74000	167.92000	9999.00000	.82398	.31693	2.89410
7.303	-3.500	24.15400	.27081	106.54000	873.34000	168.93000	9999.00000	.81575	.31650	2.88960
7.311	-3.300	24.16100	.27082	106.47000	872.76000	169.96000	9999.00000	.80892	.31608	2.89290
7.302	-3.100	24.16500	.27057	106.49000	872.96000	171.03000	9999.00000	.81148	.31590	2.88940
7.300	-2.900	24.17200	.27068	106.53000	873.39000	172.06000	9999.00000	.81026	.31585	2.88860
7.277	-2.700	24.17600	.27020	106.64000	874.27000	173.07000	9999.00000	.80721	.31559	2.87940
7.289	-2.500	24.18400	.27071	106.66000	874.45000	174.04000	9999.00000	.80566	.31524	2.88410
7.287	-2.300	24.19000	.27085	106.72000	874.99000	174.96000	9999.00000	.80822	.31526	2.88310
7.294	-2.100	24.19700	.27117	106.73000	875.13000	175.89000	9999.00000	.80798	.31524	2.88600
7.291	-1.900	24.20400	.27119	106.76000	875.42000	176.83000	9999.00000	.80683	.31532	2.88500
7.299	-1.700	24.21100	.27161	106.80000	875.73000	177.73000	9999.00000	.80164	.31547	2.88810
7.297	-1.500	24.21500	.27145	106.78000	875.59000	178.62000	9999.00000	.80636	.31567	2.88730
7.302	-1.300	24.22200	.27158	106.77000	875.52000	179.52000	9999.00000	.80480	.31571	2.88930
7.314	-1.100	24.22900	.27191	106.74000	875.34000	180.46000	9999.00000	.80445	.31596	2.89390
7.329	-.900	24.23000	.27197	106.61000	874.29000	181.31000	9999.00000	.80444	.31658	2.89990
7.335	-.700	24.24100	.27225	106.63000	874.47000	182.16000	9999.00000	.80661	.31702	2.90230
7.308	-.500	24.24400	.27164	106.73000	875.36000	183.05000	9999.00000	.80093	.31706	2.89160
7.305	-.300	24.24700	.27128	106.67000	874.85000	183.88000	9999.00000	.79724	.31664	2.89050
7.325	-.100	24.25000	.27068	106.32000	872.04000	184.75000	9999.00000	.78897	.31621	2.89820
7.283	.100	24.25100	.26996	106.53000	873.84000	185.57000	9999.00000	.79479	.31593	2.88180
7.264	.300	24.25700	.26995	106.72000	875.42000	186.35000	9999.00000	.79444	.31535	2.87400
7.258	.500	24.26100	.26977	106.73000	875.50000	187.14000	9999.00000	.79241	.31492	2.87200
7.241	.700	24.26600	.26945	106.82000	876.29000	187.93000	9999.00000	.79075	.31465	2.86490
7.261	.900	24.27700	.27060	106.92000	877.15000	188.72000	9999.00000	.79102	.31404	2.87310
7.215	1.100	24.27600	.26875	106.89000	876.91000	189.51000	9999.00000	.79250	.31404	2.85480
7.217	1.300	24.28100	.26855	106.82000	876.40000	190.30000	9999.00000	.78498	.31350	2.85540
7.201	1.500	24.28700	.26845	106.95000	877.48000	191.07000	9999.00000	.78096	.31310	2.84920
7.183	1.700	24.29100	.26802	107.02000	878.06000	191.83000	9999.00000	.77866	.31259	2.84210
7.169	1.900	24.29200	.26750	107.02000	878.11000	192.58000	9999.00000	.78170	.31216	2.83660
7.169	2.100	24.30500	.26774	107.09000	878.68000	193.33000	9999.00000	.78027	.31211	2.83650
7.156	2.300	24.30600	.26753	107.16000	879.34000	194.08000	9999.00000	.78014	.31186	2.83140
7.144	2.500	24.31100	.26695	107.13000	879.06000	194.84000	9999.00000	.76982	.31125	2.82670
7.161	2.700	24.32000	.26730	107.05000	878.44000	195.58000	9999.00000	.76412	.31082	2.83360
7.167	2.900	24.33000	.26804	107.19000	879.64000	196.33000	9999.00000	.77343	.31075	2.83590
7.172	3.100	24.33500	.26817	107.18000	879.60000	197.14000	9999.00000	.77003	.31147	2.83770
7.182	3.300	24.34200	.26820	107.08000	878.83000	197.78000	9999.00000	.77219	.31169	2.84190
7.186	3.500	24.34800	.26816	107.04000	878.53000	198.74000	9999.00000	.77352	.31196	2.84320

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) OV102

(T7E471) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 239/0 RN/L = 7.26 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.163	3.700	24.34900	.26829	107.30000	880.69000	199.75000	9999.00000	.77260	.31192	2.83430
GRADIENT		.01657	-.00201	.05143	.60144	4.09714	.00000	-.00645	-.00212	-.02341

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7EA71) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2237/ O RN/L = 2.24 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
2.225	-4.600	24.39500	.09578	117.45000	957.76000	111.19000	9999.00000	.29093	.11720	.88030
2.225	-4.400	24.39900	.09582	117.49000	958.08000	111.41000	9999.00000	.29156	.11713	.88023
2.227	-4.200	24.40000	.09577	117.36000	957.06000	111.57000	9999.00000	.29101	.11712	.88134
2.226	-4.000	24.40500	.09579	117.41000	957.49000	111.74000	9999.00000	.29077	.11708	.88092
2.222	-3.800	24.41000	.09580	117.58000	958.90000	111.94000	9999.00000	.29071	.11704	.87919
2.222	-3.600	24.41100	.09578	117.57000	958.91000	112.14000	9999.00000	.29082	.11702	.87905
2.225	-3.400	24.41300	.09575	117.42000	957.68000	112.35000	9999.00000	.29102	.11697	.88054
2.236	-3.200	24.42000	.09574	117.02000	954.46000	112.54000	9999.00000	.28971	.11695	.88489
2.238	-3.000	24.42400	.09573	116.97000	954.13000	112.77000	9999.00000	.28916	.11693	.88536
2.236	-2.800	24.42800	.09570	117.02000	954.53000	112.95000	9999.00000	.28866	.11690	.88461
2.229	-2.600	24.43300	.09571	117.28000	956.70000	113.18000	9999.00000	.28874	.11681	.88177
2.226	-2.400	24.44200	.09569	117.35000	957.25000	113.38000	9999.00000	.28848	.11674	.88084
2.240	-2.200	24.44700	.09567	116.83000	953.12000	113.59000	9999.00000	.28905	.11668	.88644
2.240	-2.000	24.45400	.09565	116.82000	953.04000	113.79000	9999.00000	.28909	.11665	.88645
2.233	-1.800	24.46000	.09563	117.08000	955.20000	114.01000	9999.00000	.28841	.11659	.88335
2.228	-1.600	24.46600	.09560	117.22000	956.37000	114.20000	9999.00000	.28791	.11654	.88154
2.224	-1.400	24.47500	.09561	117.36000	957.54000	114.43000	9999.00000	.28712	.11650	.88006
2.222	-1.200	24.48100	.09561	117.43000	958.15000	114.66000	9999.00000	.28601	.11648	.87929
2.224	-1.000	24.49100	.09560	117.37000	957.71000	114.91000	9999.00000	.28557	.11645	.87989
2.229	-.800	24.49700	.09564	117.22000	956.50000	115.23000	9999.00000	.28585	.11644	.88194
2.227	-.600	24.50300	.09560	117.27000	956.98000	115.63000	9999.00000	.28397	.11641	.88101
2.235	-.400	24.50900	.09562	116.99000	954.69000	116.03000	9999.00000	.28364	.11637	.88443
2.232	-.200	24.51400	.09563	117.10000	955.65000	116.45000	9999.00000	.28372	.11637	.88322
2.235	.000	24.52000	.09563	117.03000	955.08000	116.87000	9999.00000	.28385	.11631	.88414
2.239	.200	24.52400	.09564	116.87000	953.78000	117.26000	9999.00000	.28386	.11634	.88604
2.242	.400	24.52800	.09565	116.77000	952.99000	117.61000	9999.00000	.28425	.11629	.88728
2.245	.600	24.53400	.09564	116.69000	952.40000	117.91000	9999.00000	.28336	.11630	.88815
2.239	.800	24.53900	.09564	116.88000	954.01000	118.14000	9999.00000	.28249	.11630	.88596
2.238	1.000	24.54200	.09563	116.90000	954.22000	118.38000	9999.00000	.28222	.11630	.88565
2.245	1.200	24.54900	.09569	116.70000	952.58000	118.54000	9999.00000	.28195	.11631	.88848
2.249	1.400	24.55400	.09566	116.56000	951.47000	118.74000	9999.00000	.28137	.11625	.88990
2.246	1.600	24.56000	.09569	116.67000	952.45000	118.87000	9999.00000	.28118	.11619	.88886
2.248	1.800	24.56800	.09567	116.60000	951.91000	119.08000	9999.00000	.28223	.11617	.88945
2.250	2.000	24.57600	.09563	116.49000	951.00000	119.24000	9999.00000	.28195	.11615	.89046
2.255	2.200	24.58200	.09570	116.40000	950.33000	119.38000	9999.00000	.28171	.11613	.89208
2.252	2.400	24.59000	.09570	116.51000	951.24000	119.61000	9999.00000	.28139	.11609	.89091
2.254	2.600	24.59600	.09568	116.41000	950.47000	119.72000	9999.00000	.28208	.11606	.89189
2.249	2.800	24.60200	.09570	116.59000	951.92000	119.91000	9999.00000	.28126	.11605	.89001
2.247	3.000	24.61000	.09576	116.71000	952.99000	120.11000	9999.00000	.28043	.11606	.88917
2.248	3.200	24.62000	.09576	116.68000	952.79000	120.29000	9999.00000	.27990	.11612	.88951
2.246	3.400	24.62400	.09575	116.73000	953.23000	120.50000	9999.00000	.27908	.11618	.88885
2.255	3.600	24.62900	.09574	116.44000	950.90000	120.69000	9999.00000	.27879	.11617	.89212
		GRADIENT	.02518	.00003	-.43036	-3.39464	1.93036	.00012	-.00008	.00535

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OA257 (LARC 20-M6-6559) OV102

(T7EA71) (10 JUL '81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2239/ 0 RN/L = 7.26 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.374	-4.600	24.13100	.27221	106.21000	870.49000	162.88000	9999.00000	.82330	.31726	2.91770
7.365	-4.400	24.13000	.27210	106.27000	871.02000	164.00000	9999.00000	.82362	.31729	2.91410
7.363	-4.200	24.13800	.27232	106.35000	871.67000	165.14000	9999.00000	.82233	.31726	2.91340
7.342	-4.000	24.14000	.27183	106.42000	872.30000	166.26000	9999.00000	.82257	.31734	2.90520
7.326	-3.800	24.14500	.27127	106.44000	872.46000	167.36000	9999.00000	.82512	.31714	2.89860
7.307	-3.600	24.14900	.27089	106.52000	873.17000	168.45000	9999.00000	.82135	.31671	2.89120
7.302	-3.400	24.15500	.27061	106.50000	872.99000	169.47000	9999.00000	.81268	.31626	2.88930
7.306	-3.200	24.16300	.27082	106.52000	873.21000	170.49000	9999.00000	.80799	.31598	2.89070
7.307	-3.000	24.17000	.27057	106.44000	872.62000	171.53000	9999.00000	.81128	.31584	2.89110
7.278	-2.800	24.17200	.27017	106.61000	874.05000	172.56000	9999.00000	.80636	.31579	2.87990
7.281	-2.600	24.17800	.27036	106.64000	874.29000	173.54000	9999.00000	.80753	.31541	2.88110
7.290	-2.400	24.18700	.27088	106.70000	874.81000	174.49000	9999.00000	.80556	.31521	2.88430
7.286	-2.200	24.19300	.27085	106.73000	875.09000	175.46000	9999.00000	.80735	.31524	2.88270
7.290	-2.000	24.20100	.27113	106.76000	875.36000	176.38000	9999.00000	.80643	.31522	2.88460
7.293	-1.800	24.20700	.27129	106.78000	875.53000	177.26000	9999.00000	.80512	.31539	2.88560
7.291	-1.600	24.21000	.27131	106.80000	875.80000	178.20000	9999.00000	.80553	.31557	2.88470
7.303	-1.400	24.21900	.27161	106.77000	875.52000	179.09000	9999.00000	.80613	.31569	2.88950
7.306	-1.200	24.22200	.27166	106.75000	875.42000	179.95000	9999.00000	.80214	.31577	2.89080
7.322	-1.000	24.22900	.27203	106.69000	874.98000	180.89000	9999.00000	.80506	.31630	2.89700
7.335	-.800	24.23600	.27210	106.58000	874.12000	181.77000	9999.00000	.80538	.31684	2.90230
7.317	-.600	24.24000	.27174	106.67000	874.85000	182.62000	9999.00000	.80739	.31713	2.89500
7.311	-.400	24.24700	.27176	106.73000	875.39000	183.45000	9999.00000	.80104	.31686	2.89270
7.313	-.200	24.24800	.27084	106.48000	873.35000	184.31000	9999.00000	.79081	.31635	2.89340
7.301	.000	24.24900	.27014	106.41000	872.80000	185.16000	9999.00000	.79116	.31617	2.88880
7.276	.200	24.25400	.27003	106.63000	874.60000	185.94000	9999.00000	.79425	.31562	2.87880
7.258	.400	24.26000	.26986	106.75000	875.69000	186.74000	9999.00000	.79651	.31515	2.87190
7.252	.600	24.26500	.26969	106.77000	875.83000	187.55000	9999.00000	.79064	.31481	2.86960
7.249	.800	24.27200	.26994	106.87000	876.67000	188.33000	9999.00000	.79224	.31434	2.86830
7.244	1.000	24.27800	.26996	106.93000	877.19000	189.14000	9999.00000	.79332	.31411	2.86620
7.210	1.200	24.27700	.26835	106.84000	876.49000	189.92000	9999.00000	.78908	.31374	2.85280
7.212	1.400	24.28400	.26867	106.90000	877.05000	190.68000	9999.00000	.78116	.31337	2.85360
7.189	1.600	24.28800	.26813	106.99000	877.78000	191.43000	9999.00000	.77983	.31286	2.84450
7.175	1.800	24.29500	.26779	107.03000	878.19000	192.22000	9999.00000	.77962	.31230	2.83910
7.165	2.000	24.29800	.26746	107.05000	878.33000	192.96000	9999.00000	.78243	.31204	2.83520
7.165	2.200	24.30700	.26780	107.14000	879.09000	193.68000	9999.00000	.77854	.31214	2.83520
7.142	2.400	24.30900	.26696	107.15000	879.22000	194.44000	9999.00000	.77618	.31159	2.82590
7.161	2.600	24.31700	.26728	107.05000	878.41000	195.21000	9999.00000	.76535	.31099	2.83350
7.169	2.800	24.32600	.26790	107.14000	879.18000	195.97000	9999.00000	.76928	.31067	2.83650
7.167	3.000	24.33100	.26802	107.18000	879.59000	196.73000	9999.00000	.76816	.31118	2.83600
7.178	3.200	24.33900	.26814	107.11000	879.03000	197.50000	9999.00000	.77252	.31162	2.84020
7.189	3.400	24.34400	.26838	107.06000	878.69000	198.33000	9999.00000	.77507	.31189	2.84460
7.176	3.600	24.35100	.26816	107.14000	879.34000	199.09000	9999.00000	.76975	.31212	2.83940

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OA257 (LARC 20-M6-6559) DV102

(T7EA71) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 25.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2239/ 0 RN/L = 7.26 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.160	3.718	24.34700	.26836	107.36000	881.15000	200.09000	9999.00000	.77219	.31176	2.83290
	GRADIENT	.01911	-.00192	.08750	.85536	4.10714	.00012	-.00998	-.00198	-.02364

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0A257 (LARC 20HT6-6559) DMS-DR-2466

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0A257 (LARC 20-M6-6559) 0V102

(T7E473) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 IS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 240/ O RN/L = 7.45 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.523	-4.932	28.83500	.27212	104.67000	855.27000	182.52000	9999.00000	.85073	.31688	2.97650
7.518	-4.800	28.84400	.27137	104.52000	854.13000	183.69000	9999.00000	.84433	.31597	2.97450
7.515	-4.600	28.84600	.27139	104.55000	854.40000	184.71000	9999.00000	.84094	.31545	2.97360
7.503	-4.400	28.85100	.27121	104.62000	854.98000	185.71000	9999.00000	.84370	.31494	2.96890
7.499	-4.200	28.85800	.27125	104.68000	855.51000	186.70000	9999.00000	.84239	.31456	2.96700
7.500	-4.000	28.86900	.27119	104.65000	855.37000	187.64000	9999.00000	.84019	.31451	2.96740
7.500	-3.800	28.87300	.27111	104.63000	855.20000	188.63000	9999.00000	.83619	.31467	2.96770
7.508	-3.600	28.88100	.27131	104.60000	855.05000	189.57000	9999.00000	.83561	.31490	2.97090
7.530	-3.400	28.89500	.27204	104.59000	854.98000	190.48000	9999.00000	.83844	.31489	2.97960
7.511	-3.200	28.89900	.27179	104.71000	856.03000	191.41000	9999.00000	.84312	.31500	2.97180
7.516	-3.000	28.90600	.27172	104.64000	855.52000	192.31000	9999.00000	.84196	.31499	2.97390
7.518	-2.800	28.91500	.27172	104.63000	855.48000	193.18000	9999.00000	.84442	.31528	2.97450
7.507	-2.600	28.92400	.27205	104.81000	856.98000	194.01000	9999.00000	.84830	.31524	2.97050
7.512	-2.400	28.93300	.27248	104.89000	857.63000	194.88000	9999.00000	.84314	.31539	2.97220
7.512	-2.200	28.94200	.27270	104.94000	858.13000	195.75000	9999.00000	.84549	.31561	2.97230
7.523	-2.000	28.94900	.27314	104.95000	858.26000	196.59000	9999.00000	.83976	.31571	2.97670
7.514	-1.800	28.95600	.27304	105.02000	858.83000	197.46000	9999.00000	.83865	.31589	2.97310
7.528	-1.600	28.96900	.27371	105.06000	859.19000	198.29000	9999.00000	.85100	.31618	2.97870
7.495	-1.400	28.97100	.27265	105.10000	859.60000	199.08000	9999.00000	.84669	.31652	2.96540
7.468	-1.200	28.97100	.27136	105.02000	859.00000	199.89000	9999.00000	.83875	.31619	2.95480
7.467	-1.000	28.97400	.27081	104.88000	857.92000	200.70000	9999.00000	.84100	.31562	2.95460
7.436	-.800	28.97600	.26982	104.93000	858.30000	201.43000	9999.00000	.83689	.31489	2.94230
7.424	-.600	28.98000	.26946	104.95000	858.55000	202.17000	9999.00000	.83649	.31410	2.93730
7.398	-.400	28.98600	.26879	105.02000	859.13000	202.89000	9999.00000	.83641	.31355	2.92730
7.394	-.200	28.99500	.26912	105.14000	860.22000	203.60000	9999.00000	.83853	.31298	2.92570
7.398	.000	29.00500	.26957	105.22000	860.89000	204.29000	9999.00000	.83935	.31259	2.92740
7.385	.200	29.01000	.26927	105.28000	861.40000	205.01000	9999.00000	.83757	.31258	2.92200
7.396	.400	29.01800	.26970	105.29000	861.52000	205.73000	9999.00000	.84381	.31240	2.92640
7.426	.600	29.02800	.27015	105.12000	860.21000	206.45000	9999.00000	.82889	.31267	2.93820
7.402	.800	29.03300	.26943	105.16000	860.59000	207.13000	9999.00000	.82959	.31296	2.92880
7.400	1.000	29.04200	.26986	105.30000	861.75000	207.82000	9999.00000	.83725	.31276	2.92790
7.394	1.200	29.05000	.27002	105.40000	862.60000	208.49000	9999.00000	.83543	.31292	2.92560
7.406	1.400	29.05600	.27008	105.30000	861.83000	209.17000	9999.00000	.82975	.31307	2.93050
7.408	1.600	29.06200	.26998	105.25000	861.52000	209.86000	9999.00000	.83622	.31332	2.93130
7.407	1.800	29.07000	.27010	105.30000	861.93000	210.50000	9999.00000	.82837	.31345	2.93080
7.388	2.000	29.07500	.26963	105.36000	862.48000	211.16000	9999.00000	.83164	.31343	2.92330
7.396	2.200	29.08500	.27027	105.45000	863.29000	211.83000	9999.00000	.83576	.31359	2.92630
7.398	2.400	29.09400	.27071	105.55000	864.13000	212.48000	9999.00000	.84334	.31378	2.92720
7.389	2.600	29.09900	.27050	105.58000	864.45000	213.16000	9999.00000	.83367	.31417	2.92360
7.389	2.800	29.10200	.27021	105.51000	863.91000	213.79000	9999.00000	.82586	.31442	2.92350
7.407	3.000	29.11300	.27066	105.45000	863.46000	214.45000	9999.00000	.82367	.31437	2.93090
7.398	3.200	29.11400	.27053	105.51000	863.97000	215.22000	9999.00000	.82505	.31433	2.92730

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OA257 (LARC 20-M6-6559) OV102

(T7E473) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 240/ 0 RN/L = 7.45 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.406	3.374	29.12200	.27068	105.48000	863.77000	215.74000	9999.00000	.83577	.31430	2.93020
	GRADIENT	.03982	.00072	.21250	1.95358	3.55893	.00012	-.00160	-.00125	-.00050

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OA257 (LARC 20-M6-6559) OV102

(T7EA73) (10 JUL 81)

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	=	1076.6800	IN.	XO
LREF	=	474.8100	INCHES	YMRP	=	.0000	IN.	YO
BREF	=	936.6800	INCHES	ZMRP	=	375.0000	IN.	ZO
SCALE	=	.0100						

ALPHA	=	30.000	PHI	=	.000
SPDBRK	=	.000	AIRLON	=	.000
YP	=	1.000	1S	=	1.000
ELEVON	=	.000	MACH	=	6.000
S-MODE	=	2.000	S-DIR	=	1.000

RUN NO. 2240/ O RN/L = 7.45 GRADIENT INTERVAL = -.60/ -.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.516	-4.900	28.84200	.27176	104.63000	855.02000	183.05000	9999.00000	.84940	.31642	2.97390
7.520	-4.700	28.84300	.27133	104.49000	853.92000	184.21000	9999.00000	.84413	.31567	2.97540
7.506	-4.500	28.85000	.27124	104.60000	854.84000	185.20000	9999.00000	.83909	.31524	2.96990
7.503	-4.300	28.85600	.27131	104.65000	855.24000	186.18000	9999.00000	.83983	.31472	2.96880
7.496	-4.100	28.85800	.27102	104.64000	855.24000	187.19000	9999.00000	.84131	.31454	2.96600
7.500	-3.900	28.87100	.27129	104.67000	855.56000	188.15000	9999.00000	.84012	.31453	2.96760
7.511	-3.700	28.87900	.27136	104.59000	854.95000	189.10000	9999.00000	.83561	.31481	2.97190
7.517	-3.500	28.88800	.27165	104.61000	855.16000	190.04000	9999.00000	.83813	.31486	2.97430
7.527	-3.300	28.89600	.27204	104.62000	855.26000	190.93000	9999.00000	.84230	.31495	2.97830
7.507	-3.100	28.90300	.27174	104.73000	856.20000	191.83000	9999.00000	.84331	.31492	2.97040
7.523	-2.900	28.91000	.27177	104.59000	855.13000	192.76000	9999.00000	.84258	.31514	2.97670
7.506	-2.700	28.91700	.27168	104.73000	856.32000	193.60000	9999.00000	.84823	.31534	2.96980
7.515	-2.500	28.92900	.27243	104.84000	857.24000	194.43000	9999.00000	.84154	.31526	2.97350
7.510	-2.300	28.93900	.27258	104.93000	858.01000	195.31000	9999.00000	.84525	.31555	2.97140
7.522	-2.100	28.94600	.27305	104.94000	858.15000	196.21000	9999.00000	.83970	.31562	2.97620
7.512	-1.900	28.95200	.27293	105.00000	858.70000	197.02000	9999.00000	.83519	.31585	2.97230
7.530	-1.700	28.96500	.27364	105.02000	858.90000	197.87000	9999.00000	.84677	.31598	2.97940
7.510	-1.500	28.97000	.27318	105.09000	859.49000	198.71000	9999.00000	.84746	.31641	2.97160
7.475	-1.300	28.96800	.27179	105.06000	859.30000	199.50000	9999.00000	.84691	.31644	2.95780
7.470	-1.100	28.97200	.27144	105.02000	859.04000	200.28000	9999.00000	.83901	.31593	2.95560
7.451	-.900	28.97400	.27010	104.86000	857.75000	201.09000	9999.00000	.83353	.31526	2.94800
7.421	-.700	28.97700	.26949	104.98000	858.77000	201.82000	9999.00000	.83975	.31448	2.93640
7.415	-.500	28.98300	.26921	104.96000	858.68000	202.51000	9999.00000	.83352	.31381	2.93410
7.398	-.300	28.99100	.26897	105.07000	859.57000	203.25000	9999.00000	.84011	.31324	2.92730
7.400	-.100	29.00200	.26942	105.17000	860.47000	203.99000	9999.00000	.83968	.31274	2.92790
7.388	.100	29.00800	.26928	105.25000	861.14000	204.66000	9999.00000	.83674	.31264	2.92320
7.386	.300	29.01500	.26947	105.32000	861.75000	205.38000	9999.00000	.84068	.31244	2.92250
7.417	.500	29.02200	.26998	105.16000	860.47000	206.11000	9999.00000	.83763	.31247	2.93480
7.417	.700	29.03000	.26982	105.12000	860.23000	206.81000	9999.00000	.82668	.31283	2.93470
7.395	.900	29.03400	.26943	105.23000	861.18000	207.49000	9999.00000	.83126	.31292	2.92590
7.396	1.100	29.04500	.26997	105.36000	862.26000	208.14000	9999.00000	.83874	.31284	2.92650
7.399	1.300	29.05300	.27000	105.34000	862.18000	208.85000	9999.00000	.83165	.31296	2.92770
7.412	1.500	29.05900	.27009	105.24000	861.40000	209.49000	9999.00000	.83390	.31322	2.93290
7.404	1.700	29.06600	.27001	105.30000	861.93000	210.19000	9999.00000	.83160	.31346	2.92970
7.398	1.900	29.07200	.26987	105.32000	862.14000	210.82000	9999.00000	.82925	.31338	2.92740
7.392	2.100	29.08100	.26997	105.41000	862.90000	211.51000	9999.00000	.83189	.31352	2.92490
7.394	2.300	29.09000	.27042	105.51000	863.75000	212.16000	9999.00000	.84069	.31368	2.92580
7.391	2.500	29.09700	.27058	105.58000	864.42000	212.80000	9999.00000	.83888	.31395	2.92450
7.389	2.700	29.10000	.27047	105.57000	864.40000	213.48000	9999.00000	.82738	.31440	2.92370
7.397	2.900	29.10800	.27025	105.44000	863.35000	214.15000	9999.00000	.82396	.31442	2.92700
7.404	3.100	29.11400	.27073	105.50000	863.91000	214.85000	9999.00000	.82751	.31426	2.92960
7.399	3.300	29.11800	.27047	105.49000	863.84000	215.48000	9999.00000	.83169	.31433	2.92750
	GRADIENT	.03900	.00074	.26143	2.30857	3.58000	.00000	.00276	-.00131	-.00223

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) DV102

(T7E573) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. X0
 LREF = 474.8100 INCHES YMRP = .0000 IN. Y0
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. Z0
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 286/ O RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.552	-4.920	29.00700	.27722	105.58000	860.19000	194.51000	.00000	.85669	.32374	2.98830
7.556	-4.800	29.01200	.27733	105.57000	860.17000	195.35000	.00000	.85894	.32375	2.98870
7.552	-4.600	29.01800	.27724	105.59000	860.34000	196.20000	.00000	.84979	.32360	2.98800
7.552	-4.400	29.02300	.27726	105.59000	860.35000	197.09000	.00000	.85462	.32343	2.98830
7.559	-4.200	29.02600	.27743	105.57000	860.25000	197.90000	.00000	.84571	.32317	2.99080
7.560	-4.000	29.03200	.27728	105.52000	859.85000	198.75000	.00000	.84980	.32307	2.99150
7.595	-3.800	29.04400	.27731	105.21000	857.37000	199.57000	.00000	.84593	.32346	3.00500
7.594	-3.600	29.05100	.27787	105.36000	858.60000	200.41000	.00000	.85231	.32385	3.00470
7.585	-3.400	29.05600	.27744	105.34000	858.45000	201.23000	.00000	.85104	.32394	3.00100
7.589	-3.200	29.06600	.27752	105.32000	858.28000	202.00000	.00000	.85214	.32392	3.00290
7.589	-3.000	29.07400	.27760	105.34000	858.50000	202.79000	.00000	.85387	.32360	3.00280
7.587	-2.800	29.08100	.27775	105.40000	859.02000	203.55000	.00000	.84987	.32372	3.00180
7.594	-2.600	29.08700	.27752	105.28000	858.06000	204.30000	.00000	.85271	.32389	3.00470
7.600	-2.400	29.09200	.27697	105.08000	856.47000	205.01000	.00000	.85213	.32458	3.00720
7.595	-2.200	29.09900	.27698	105.13000	856.89000	205.72000	.00000	.85247	.32391	3.00530
7.588	-2.000	29.10500	.27680	105.16000	857.14000	206.43000	.00000	.85148	.32343	3.00220
7.580	-1.800	29.11100	.27665	105.19000	857.44000	207.13000	.00000	.85452	.32319	2.99920
7.580	-1.600	29.12300	.27705	105.29000	858.26000	207.85000	.00000	.85324	.32307	2.99940
7.581	-1.400	29.12900	.27728	105.34000	858.72000	208.57000	.00000	.84812	.32295	2.99950
7.599	-1.200	29.13800	.27738	105.20000	857.60000	209.20000	.00000	.85606	.32302	3.00670
7.611	-1.000	29.14700	.27746	105.11000	856.87000	209.91000	.00000	.85108	.32354	3.01160
7.603	-.800	29.14500	.27636	104.91000	855.24000	210.59000	.00000	.84839	.32372	3.00830
7.605	-.600	29.15500	.27649	104.92000	855.38000	211.24000	.00000	.85673	.32380	3.00930
7.594	-.400	29.16100	.27612	104.94000	855.51000	211.87000	.00000	.85588	.32364	3.00470
7.564	-.200	29.16400	.27552	105.06000	856.55000	212.50000	.00000	.84583	.32306	2.99300
7.563	.000	29.17300	.27582	105.15000	857.28000	213.16000	.00000	.84569	.32216	2.99250
7.571	.200	29.17900	.27557	105.02000	856.23000	213.74000	.00000	.84625	.32189	2.99550
7.586	.400	29.18900	.27589	104.96000	855.77000	214.34000	.00000	.84838	.32200	3.00150
7.571	.600	29.19200	.27528	104.94000	855.63000	215.00000	.00000	.85299	.32197	2.99580
7.560	.800	29.19800	.27505	104.98000	856.03000	215.59000	.00000	.84404	.32201	2.99140
7.553	1.000	29.20700	.27521	105.09000	856.90000	216.19000	.00000	.83926	.32165	2.98870
7.556	1.200	29.21300	.27540	105.11000	857.10000	216.75000	.00000	.84175	.32124	2.98990
7.560	1.400	29.21800	.27538	105.07000	856.82000	217.33000	.00000	.84195	.32110	2.99140
7.569	1.600	29.22800	.27535	104.98000	856.12000	217.88000	.00000	.84161	.32112	2.99480
7.562	1.800	29.23500	.27513	104.99000	856.20000	218.41000	.00000	.84157	.32112	2.99220
7.557	2.000	29.24100	.27507	105.02000	856.51000	218.96000	.00000	.84014	.32087	2.99010
7.565	2.200	29.24700	.27531	105.01000	856.44000	219.47000	.00000	.84024	.32068	2.99320
7.578	2.400	29.25700	.27576	105.01000	856.44000	220.04000	.00000	.83919	.32085	2.99830
7.576	2.600	29.25800	.27532	104.92000	855.71000	220.58000	.00000	.84385	.32095	2.99760
7.576	2.800	29.26500	.27526	104.90000	855.58000	221.12000	.00000	.83911	.32095	2.99770
7.583	3.000	29.26900	.27491	104.75000	854.39000	221.64000	.00000	.83535	.32084	3.00030
7.592	3.200	29.27700	.27531	104.77000	854.55000	222.16000	.00000	.84358	.32092	3.00400

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OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7E573) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 TS = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 286/0 RN/L = 7.58 GRADIENT INTERVAL = -.60/.60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLOOR	PCEIL	RN
7.597	3.396	29.28500	.27562	104.80000	854.83000	222.56000	.00000	.84293	.32108	3.00610
	GRADIENT	.03250	-.00072	.01072	.16964	3.11786	.00000	-.00461	-.00177	-.00793

DATE 14 DEC 82

OA257 (LARC 20HT6-6559) DMS-DR-2466

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OA257 (LARC 20-M6-6559) OV102

(T7EB73) (10 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRDN = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 2286/ O RN/L = 7.58 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.555	-4.900	29.01100	.27729	105.57000	860.13000	194.76000	.00000	.85657	.32372	2.98930
7.553	-4.700	29.01500	.27727	105.58000	860.28000	195.78000	.00000	.85675	.32370	2.98860
7.553	-4.500	29.01900	.27731	105.59000	860.38000	196.65000	.00000	.84825	.32351	2.98860
7.545	-4.300	29.02200	.27697	105.58000	860.31000	197.48000	.00000	.85302	.32330	2.98550
7.556	-4.100	29.03000	.27737	105.58000	860.32000	198.32000	.00000	.84446	.32307	2.98990
7.581	-3.900	29.04000	.27731	105.33000	858.33000	199.22000	.00000	.85111	.32316	2.99980
7.600	-3.700	29.04700	.27778	105.28000	857.97000	200.01000	.00000	.84837	.32374	3.00700
7.584	-3.500	29.05400	.27757	105.38000	858.76000	200.81000	.00000	.84961	.32392	3.00070
7.594	-3.300	29.06300	.27766	105.31000	858.19000	201.62000	.00000	.84883	.32387	3.00490
7.583	-3.100	29.06700	.27728	105.31000	858.26000	202.41000	.00000	.85054	.32370	3.00060
7.588	-2.900	29.07800	.27779	105.40000	859.00000	203.17000	.00000	.85714	.32365	3.00230
7.586	-2.700	29.08600	.27757	105.37000	858.77000	203.92000	.00000	.84881	.32380	3.00140
7.609	-2.500	29.09100	.27749	105.13000	856.88000	204.67000	.00000	.85684	.32425	3.01060
7.594	-2.300	29.09400	.27684	105.11000	856.70000	205.37000	.00000	.84941	.32437	3.00470
7.591	-2.100	29.10100	.27692	105.15000	857.08000	206.07000	.00000	.84938	.32374	3.00370
7.587	-1.900	29.10800	.27677	105.15000	857.11000	206.80000	.00000	.85337	.32325	3.00210
7.586	-1.700	29.11600	.27708	105.25000	857.89000	207.49000	.00000	.85754	.32315	3.00150
7.579	-1.500	29.12600	.27717	105.33000	858.62000	208.20000	.00000	.84973	.32300	2.99880
7.598	-1.300	29.13500	.27748	105.24000	857.84000	208.86000	.00000	.85272	.32295	3.00640
7.612	-1.100	29.14500	.27768	105.16000	857.23000	209.56000	.00000	.85103	.32337	3.01200
7.601	-.900	29.14700	.27696	105.08000	856.59000	210.24000	.00000	.85150	.32356	3.00770
7.604	-.700	29.15100	.27635	104.90000	855.22000	210.91000	.00000	.85223	.32393	3.00860
7.609	-.500	29.15700	.27640	104.87000	854.96000	211.56000	.00000	.85621	.32368	3.01060
7.574	-.300	29.16100	.27571	105.02000	856.20000	212.19000	.00000	.84881	.32343	2.99670
7.567	-.100	29.17000	.27581	105.11000	856.95000	212.82000	.00000	.84574	.32253	2.99400
7.564	-.100	29.17600	.27560	105.08000	856.78000	213.44000	.00000	.84596	.32192	2.99280
7.583	.300	29.18500	.27569	104.93000	855.57000	214.05000	.00000	.84974	.32199	3.00030
7.578	.500	29.19200	.27571	104.98000	855.98000	214.64000	.00000	.85158	.32200	2.99860
7.564	.700	29.19500	.27492	104.91000	855.43000	215.27000	.00000	.84628	.32196	2.99300
7.559	.900	29.20200	.27521	105.04000	856.50000	215.90000	.00000	.83998	.32193	2.99080
7.553	1.100	29.21000	.27528	105.11000	857.09000	216.48000	.00000	.84498	.32139	2.98860
7.553	1.300	29.21700	.27527	105.11000	857.11000	217.02000	.00000	.83935	.32116	2.98850
7.572	1.500	29.22700	.27555	105.01000	856.31000	217.62000	.00000	.84233	.32108	2.99600
7.566	1.700	29.22900	.27522	104.97000	856.06000	218.12000	.00000	.83825	.32116	2.99380
7.556	1.900	29.23800	.27504	105.02000	856.46000	218.67000	.00000	.84244	.32104	2.98990
7.559	2.100	29.24500	.27511	105.02000	856.48000	219.22000	.00000	.84314	.32072	2.99080
7.581	2.300	29.25300	.27592	105.02000	856.52000	219.74000	.00000	.83914	.32078	2.99950
7.574	2.500	29.25800	.27548	104.97000	856.13000	220.30000	.00000	.84121	.32091	2.99690
7.579	2.700	29.26400	.27543	104.92000	855.71000	220.87000	.00000	.83917	.32088	2.99890
7.573	2.900	29.26800	.27491	104.84000	855.10000	221.40000	.00000	.83793	.32092	2.99650
7.595	3.100	29.27400	.27529	104.73000	854.28000	221.96000	.00000	.83972	.32081	3.00520
7.593	3.300	29.28000	.27537	104.77000	854.60000	222.39000	.00000	.84476	.32100	3.00450
	GRADIENT	.03614	-.00053	.03571	.43429	3.08571	.00000	-.00288	-.00190	-.00720

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7E673) (10 JUL 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO. 298/ O RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFLLOOR	PCEIL	RN
7.649	-4.655	28.94300	.27616	104.47000	852.27000	9999.00000	.00000	.86418	.32085	3.02650
7.641	-4.500	28.94700	.27594	104.48000	852.42000	9999.00000	.00000	.86727	.32087	3.02340
7.628	-4.300	28.95000	.27541	104.47000	852.35000	9999.00000	.00000	.86702	.32064	3.01820
7.627	-4.100	28.95200	.27534	104.46000	852.31000	9999.00000	.00000	.87154	.32050	3.01790
7.612	-3.900	28.95900	.27488	104.49000	852.52000	9999.00000	.00000	.86036	.32036	3.01200
7.585	-3.700	28.96000	.27407	104.53000	852.90000	9999.00000	.00000	.85826	.31986	3.00130
7.588	-3.500	28.97000	.27398	104.48000	852.56000	9999.00000	.00000	.85429	.31930	3.00220
7.598	-3.300	28.97500	.27427	104.46000	852.39000	9999.00000	.00000	.85713	.31902	3.00650
7.607	-3.100	28.98700	.27450	104.45000	852.30000	9999.00000	.00000	.85322	.31911	3.00980
7.610	-2.900	28.99100	.27440	104.39000	851.84000	9999.00000	.00000	.85156	.31911	3.01120
7.591	-2.700	28.99600	.27399	104.46000	852.48000	9999.00000	.00000	.84846	.31894	3.00360
7.591	-2.500	29.00500	.27392	104.44000	852.35000	9999.00000	.00000	.85745	.31876	3.00370
7.589	-2.300	29.01200	.27406	104.50000	852.84000	9999.00000	.00000	.86025	.31872	3.00290
7.579	-2.100	29.01900	.27399	104.57000	853.45000	9999.00000	.00000	.85758	.31869	2.99900
7.575	-1.900	29.02300	.27359	104.51000	852.98000	9999.00000	.00000	.85121	.31836	2.99740
7.597	-1.700	29.03300	.27406	104.43000	852.38000	9999.00000	.00000	.85647	.31844	3.00590
7.607	-1.500	29.04000	.27417	104.37000	851.92000	9999.00000	.00000	.85210	.31861	3.00980
7.594	-1.300	29.04700	.27376	104.38000	852.05000	9999.00000	.00000	.85809	.31854	3.00480
7.593	-1.100	29.05400	.27382	104.41000	852.30000	9999.00000	.00000	.86221	.31830	3.00440
7.591	-.900	29.06600	.27410	104.50000	853.04000	9999.00000	.00000	.85312	.31829	3.00370
7.590	-.700	29.07100	.27412	104.51000	853.20000	9999.00000	.00000	.85597	.31813	3.00330
7.603	-.500	29.08100	.27434	104.45000	852.72000	9999.00000	.00000	.85074	.31807	3.00850
7.605	-.300	29.08900	.27435	104.44000	852.65000	9999.00000	.00000	.85775	.31793	3.00910
7.590	-.100	29.09200	.27374	104.42000	852.54000	9999.00000	.00000	.85129	.31801	3.00320
7.590	.100	29.09700	.27359	104.39000	852.28000	9999.00000	.00000	.85742	.31812	3.00310
7.606	.300	29.10900	.27411	104.37000	852.16000	9999.00000	.00000	.85187	.31825	3.00970
7.606	.500	29.11300	.27411	104.38000	852.25000	9999.00000	.00000	.85892	.31844	3.00950
7.612	.700	29.12100	.27406	104.32000	851.77000	9999.00000	.00000	.85208	.31830	3.01170
7.610	.900	29.12700	.27427	104.38000	852.33000	9999.00000	.00000	.85484	.31807	3.01110
7.631	1.100	29.14500	.27528	104.44000	852.87000	9999.00000	.00000	.86142	.31813	3.01950
7.617	1.300	29.14700	.27482	104.46000	853.02000	9999.00000	.00000	.86061	.31861	3.01390
7.636	1.500	29.15600	.27523	104.39000	852.49000	9999.00000	.00000	.85816	.31877	3.02150
7.633	1.700	29.16000	.27510	104.39000	852.53000	9999.00000	.00000	.85966	.31919	3.02000
7.639	1.900	29.17200	.27551	104.44000	852.93000	9999.00000	.00000	.85542	.31928	3.02260
7.669	2.100	29.17900	.27605	104.30000	851.83000	9999.00000	.00000	.85646	.31968	3.03460
7.641	2.300	29.18300	.27533	104.37000	852.46000	9999.00000	.00000	.85297	.32002	3.02350
7.635	2.500	29.18600	.27530	104.43000	852.94000	9999.00000	.00000	.84792	.31998	3.02090
7.650	2.700	29.19000	.27554	104.35000	852.39000	9999.00000	.00000	.84860	.31972	3.02690
	GRADIENT	.03214	-.00029	-.08429	-.58286	.00000	.00000	.00420	.00042	.00096

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DA257 (LARC 20HT6-6559) DMS-DR-2466

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DA257 (LARC 20-M6-6559) OV102

(T7EC73) (15 JUL 81)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
 LREF = 474.8100 INCHES YMRP = .0000 IN. YO
 BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
 SCALE = .0100

PARAMETRIC DATA

ALPHA = 30.000 PHI = .000
 SPDBRK = .000 AILRON = .000
 YP = 1.000 1S = 1.000
 ELEVON = .000 MACH = 6.000
 S-MODE = 2.000 S-DIR = 1.000

RUN NO., 2298/ O RN/L = 7.61 GRADIENT INTERVAL = -.60/ .60

RN/L	BETA	ALPHA	P1	TS	TT	TBF	TSB	PFL00R	PCEIL	RN
7.644	-4.600	28.94800	.27606	104.49000	852.42000	9999.00000	.00000	.86633	.32088	3.02460
7.627	-4.400	28.94900	.27543	104.49000	852.45000	9999.00000	.00000	.86845	.32077	3.01780
7.636	-4.200	28.95200	.27570	104.48000	852.40000	9999.00000	.00000	.86834	.32052	3.02130
7.625	-4.000	28.95500	.27520	104.45000	852.19000	9999.00000	.00000	.86487	.32043	3.01710
7.596	-3.800	28.96200	.27442	104.52000	852.81000	9999.00000	.00000	.85650	.32020	3.00540
7.587	-3.600	28.96500	.27404	104.50000	852.70000	9999.00000	.00000	.85879	.31948	3.00210
7.587	-3.400	28.97100	.27389	104.47000	852.47000	9999.00000	.00000	.85353	.31914	3.00190
7.616	-3.200	28.98200	.27489	104.46000	852.38000	9999.00000	.00000	.85470	.31901	3.01350
7.613	-3.000	28.99000	.27442	104.37000	851.69000	9999.00000	.00000	.85063	.31915	3.01220
7.601	-2.800	28.99100	.27430	104.45000	852.37000	9999.00000	.00000	.85040	.31904	3.00750
7.595	-2.600	29.00100	.27402	104.43000	852.26000	9999.00000	.00000	.85094	.31882	3.00520
7.586	-2.400	29.00800	.27383	104.47000	852.62000	9999.00000	.00000	.86002	.31873	3.00150
7.591	-2.200	29.01800	.27423	104.53000	853.12000	9999.00000	.00000	.85897	.31874	3.00340
7.576	-2.000	29.01800	.27373	104.53000	853.18000	9999.00000	.00000	.85315	.31850	2.99780
7.586	-1.800	29.02900	.27392	104.50000	852.89000	9999.00000	.00000	.85438	.31829	3.00160
7.605	-1.600	29.03700	.27410	104.37000	851.90000	9999.00000	.00000	.85097	.31858	3.00900
7.597	-1.400	29.04500	.27384	104.38000	851.97000	9999.00000	.00000	.85949	.31868	3.00600
7.598	-1.200	29.05000	.27396	104.40000	852.20000	9999.00000	.00000	.85946	.31834	3.00630
7.595	-1.000	29.06100	.27406	104.46000	852.68000	9999.00000	.00000	.86070	.31828	3.00510
7.577	-.800	29.06500	.27367	104.52000	853.21000	9999.00000	.00000	.85602	.31824	2.99810
7.599	-.600	29.07700	.27440	104.51000	853.16000	9999.00000	.00000	.85334	.31807	3.00660
7.603	-.400	29.08400	.27428	104.44000	852.67000	9999.00000	.00000	.85661	.31796	3.00820
7.597	-.200	29.09100	.27409	104.45000	852.73000	9999.00000	.00000	.85201	.31796	3.00600
7.588	.000	29.09400	.27354	104.39000	852.28000	9999.00000	.00000	.85694	.31800	3.00240
7.595	.200	29.10200	.27374	104.38000	852.24000	9999.00000	.00000	.85411	.31820	3.00510
7.607	.400	29.11200	.27425	104.40000	852.42000	9999.00000	.00000	.85699	.31832	3.00990
7.611	.600	29.11800	.27407	104.32000	851.78000	9999.00000	.00000	.85154	.31838	3.01160
7.609	.800	29.12400	.27408	104.34000	852.00000	9999.00000	.00000	.85222	.31815	3.01070
7.617	1.000	29.13600	.27463	104.41000	852.61000	9999.00000	.00000	.85978	.31806	3.01370
7.628	1.200	29.14800	.27523	104.46000	853.01000	9999.00000	.00000	.86202	.31839	3.01840
7.625	1.400	29.15000	.27499	104.43000	852.83000	9999.00000	.00000	.86041	.31870	3.01690
7.638	1.600	29.15900	.27519	104.36000	852.29000	9999.00000	.00000	.86049	.31893	3.02220
7.634	1.800	29.16500	.27522	104.41000	852.72000	9999.00000	.00000	.85533	.31930	3.02040
7.655	2.000	29.17300	.27575	104.35000	852.27000	9999.00000	.00000	.85631	.31929	3.02890
7.659	2.200	29.18100	.27580	104.33000	852.08000	9999.00000	.00000	.85732	.31991	3.03060
7.640	2.400	29.18500	.27536	104.39000	852.63000	9999.00000	.00000	.84956	.32010	3.02310
7.632	2.600	29.18900	.27530	104.45000	853.18000	9999.00000	.00000	.84209	.31966	3.01980
7.650	2.701	29.19000	.27555	104.35000	852.36000	9999.00000	.00000	.84893	.31973	3.02710
	GRADIENT	.03393	-.00025	-.12857	-.91607	.00012	.00000	-.00045	.00034	.00313